

**CY 2019 EXTERNAL ACCOMPLISHMENT REPORT**  
**Mines and Geosciences Bureau**  
**March 31, 2019**

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 Guidelines on Care and Maintenance Programs for Mining Projects (deliberated) 2 Policy on Residual Stockpiles (deliberated) 3 Clarificatory Guidelines on ISAG Permits (deliberated)  1 RTC Cebu City: Apocemco vs. DENR (Landslide in Naga, Cebu) 2 RTC Leyte: SP Proc. Case No. H-516 3 Dennis Pansoy et. al vs. Cemex Holdings Phils. CC No. TVC 2018-510 (TEPO) 4 RTC Branch 30 Surigao City: Civil Case Nos. 7404 & 7409 - "PNPI vs. Ensomo, Jr. et al"	
1	Administrative	Program Implementation Report (no.)	1	3	12	1	3	100%	100%	25%		
2	Financial Management Services	Program Implementation Report (no.)	1	3	12	1	3	100%	100%	25%		
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. Training and Career Development Program	Training/workshop/seminar conducted/attended/organized/coordinated (no.)	1	2	7	0	1	0%	50%	14%		
	c. Local Scholarship Program	Scholars monitored and 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	0	0	0%	0%	0%		
		Program implemented/monitored (no.)	1	3	12	2	3	200%	100%	25%		
2	Formulate, review/revise, develop and implement mineral policies and guidelines	Policies/Guidelines reviewed/endorsed to DENR (no.)	0	2	8	0	3		150%	38%		
3	Coordinate with National and International Linkages	Linkages with NGAs/LGUs/stakeholders/International Organizations coordinated/participated (no.)	18	20	35	19	28	106%	140%	80%		
4	Conduct investigation, provide legal assistance and resolve mine related cases	Hearings attended (no.)	1	3	12	1	4	100%	133%	33%		
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	4	18	3	5	300%	125%	28%		
		Press releases/ conferences/ media interviews conducted (no.)	1	1	6	1	1	100%	100%	17%		
		Training/workshop/seminar conducted/attended/organized/coordinated (no.)	4	10	45	6	12	150%	120%	27%		
2	Generate Mineral Economics information/Publish and disseminate IEC materials	Statistics reports generated/ monitored/ validated (no.)	5	5	13	5	5	100%	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	1520	6,212	510	1525	98%	100%	25%		

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.02.c	Research and Development										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 Gold Recovery Using Flotation Assisted Coal-Oil Agglomeration Process
1	Research Studies on Mineral Resources and Geosciences Development (MRGD) Programs	Research/studies conducted (no.)	3	3	8	3	3	100%	100%	38%	
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				5%					0%	
OUTCOME INDICATOR 2											
	Percentage of monitored mining permits/contracts complying with laws, rules and regulations				60%					0%	
OUTPUT INDICATOR 1											
	Mining applications (including other mining rights related applications) approved/denied/endorsed within the prescribed period		256	676	3,377	320	806	125%	119%	24%	
OUTPUT INDICATOR 2											
	Number of mining permits/contracts monitored		108	279	910	125	301	116%	108%	33%	
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	Issuance of mining permits/contracts (no.)									
		a. Agreements/contracts/permits (FTAA/MP/SA/EP/ISAGP/SSMP/MPP)	0	0	28	10	16			57%	
		b. Other mining related permits	256	676	3,349	322	807	126%	119%	24%	
	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.)	12	16	75	12	20	100%	125%	27%	
		Proposed Minahang Bayan sites endorsed to DENR through MGBCO (no.)	0	0	15	0	0			0%	
		P/CMRBs maintained/operationalized/reconstituted (no.)	84	84	84	83	83	99%	99%	99%	
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 b. Safety, Health, Environment and Social Development (SHES) Programs	53 55	141 138	455 455	63 62	155 146	119% 113%	110% 106%	34% 32%	
3	Mine Rehabilitation Program										
	a. Palawan Quicksilver Mines, Inc. (PQMI)	Monitoring conducted (no.)	1	1	4	1	1	100%	100%	25%	
	b. Other Abandoned/Inactive/Closed Mines	Reconnaissance survey (no.)	0	0	1	0	0			0%	
		Risk Assessment and preparation of Environmental Plan (no.)	0	0	2	0	0			0%	
	c. Marcopper	Monitoring reports submitted to MGBCO(no.)	1	1	4	1	1	100%	100%	25%	
4	Resolution of Complaints/Cases/Conflicts										
		Complaints/cases/conflicts investigated/resolved by: (no.) a. MGB	16	34	176	40	96	250%	282%	55%	



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			This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual	
	Anti-Illegal Mining Campaign	b. Panel of Arbitrators	2	2	21	6	6	300%	300%	29%	
		Mines Adjudication Board cases deliberated (no.)	1	3	12	0	0	0%	0%	0%	
		Mines Adjudication Board cases resolved (no.)	3	3	12	0	1	0%	33%	8%	
		Cease and Desist Orders issued/implemented (no.)	5	5	43	19	25	380%	500%	58%	
		Charges filed with the Provincial/City Prosecutors Office (no.)	0	0	30	1	3			10%	
	Strengthen Multi-partite Monitoring System	Multi-partite Monitoring Teams (MMT) of mining projects (with permits issued by MGB) operationalized (no.)	167	167	167	154	154	92%	92%	92%	
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				12					0%	
OUTPUT INDICATOR 1											
	Percentage of Total Philippine area surveyed for geology and mineral potential				7.60%					0%	
OUTPUT INDICATOR 2											
	Number of new mineral reservation areas assessed/endorsed for declaration				15					0%	
Program 2	Mineral Resources and Geosciences Development										
	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.)	38	62	302	33	68	87%	110%	23%
			Radio/TV Guestings (no.)	16	48	192	20	64	125%	133%	33%
			Press Releases/Photo Releases/Feature Stories (no.)	15	45	180	25	69	167%	153%	38%
		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.)	228	482	2,485	391	445	171%	92%	18%
			Statistics Reports submitted to MGBCO (no.)	60	165	495	51	161	85%	98%	33%
			Capacity Building Program on MRGD Laws, Rules and Regulations	Trainings conducted/coordinated/participated on (no.)							
			a. For MGB Personnel to attend	10	12	84	10	17	100%	142%	20%
			b. For LGUs and other stakeholders (NGAs, CSOs, etc.)	10	16	38	8	17	80%	106%	45%
			c. For Small-Scale Miners	1	1	31	4	6	400%	600%	19%
		National and International Linkages	Linkages coordinated (no.)	45	45	180	41	45	91%	100%	25%
	2	National Mineral Reservation Program	Proposed Mineral Reservation areas endorsed (no.)	0	0	15	0	0			0%
3	Offshore Exploration	Geophysical and Geological assessment (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				1					0%	
OUTCOME INDICATOR 1:											
	Number of cities and municipalities where vulnerability and risk assessment was conducted		23	43	180	24	38	104%	88%	21%	

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			This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual	
OUTCOME INDICATOR 2:											
	Number of LGUs (cities/municipalities) provided with information, education and communication campaigns on geohazards		15	24	200	19	30	127%	125%	15%	
OUTCOME INDICATOR 3:											
	Number of LGUs assessed for groundwater resources and vulnerability		9	21	90	12	15	133%	71%	17%	
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.)	23	43	180	24	38	104%	88%	21%	1 Arakan, Cotabato 2 Kabugao, Apayao 3 Diadi, Nueva Vizcaya 4 Cordon, Isabela 5 Mariveles, Bataan 6 Lumban, Laguna 7 Tiwi, Albay 8 Manito,Albay 9 Makato, Aklan 10 Mutia, Zamboanga del Norte 11 Linamon, Lanao del Norte 12 Libungan, North Cotabato 13 Aleosan, North Cotabato 14 Makilala, North Cotabato 15 San Juan, La Union 16 Kasibu, Nueva Vizcaya 17 Aglipay, Quirino 18 Morong, Bataan 19 Candelaria, Quezon 20 Alcantara, Romblon 21 San Agustin, Romblon 22 Calatrava, Romblon 23 Sagnay, Camarines Sur 24 Buhi, Camarines Sur 25 Anilao, Iloilo 26 Libertad, Antique 27 Antequera, Bohol 28 Corella,Bohol 29 Cabucgayen, Biliran 30 Biliran, Biliran 31 Caibiran, Biliran 32 Bayog, Zamboanga del Sur 33 Buug, Zamboanga Sibugay 34 Kalilangan, Bukidnon 35 Tubod, Surigao del Norte 36 Malapatan, Sarangani 37 Gigaquit, Surigao del Norte 38 Claver, Surigao del Norte



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			This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual	
	b. Updating of 1:10,000 scale Geohazard Maps	LGUs (cities/municipalities) assessed (no.)	24	40	180	24	38	100%	95%	21%	1 Arakan, Cotabato 2 Kabugao, Apayao 3 Diadi, Nueva Vizcaya 4 Cordon, Isabela 5 Mariveles, Bataan 6 Lumban, Laguna 7 Tiwi, Albay 8 Manito,Albay 9 Makato, Aklan 10 Mutia, Zamboanga del Norte 11 Linamon, Lanao del Norte 12 Libungan, North Cotabato 13 Aleosan, North Cotabato 14 Makilala, North Cotabato 15 San Juan, La Union 16 Kasibu, Nueva Vizcaya 17 Aglipay, Quirino 18 Morong, Bataan 19 Candelaria, Quezon 20 Alcantara, Romblon 21 San Agustin, Romblon 22 Calatrava, Romblon 23 Sagnay, Camarines Sur 24 Buih, Camarines Sur 25 Anilao, Iloilo 26 Libertad, Antique 27 Antequera, Bohol 28 Corella,Bohol 29 Cabucgayan, Biliran 30 Biliran, Biliran 31 Caibiran, Biliran 32 Bayog, Zamboanga del Sur 33 Buug, Zamboanga Sibugay 34 Kalilangan, Bukidnon 35 Tubod, Surigao del Norte 36 Malapatan, Sarangani 37 Gigaquit, Surigao del Norte 38 Claver, Surigao del Norte
	c. Karst Subsurface Assessment	LGUs (cities/municipalities) assessed (no.)	5	5	20	3	4	60%	80%	20%	1 El Salvador City, Misamis Oriental 2 Malay, Aklan 3 Badian, Cebu 4 Buug, Zamboanga Sibugay
	Conduct of IEC to LGUs	Seminars/Workshops for LGUs (no.)	15	24	200	19	30	127%	125%	15%	1 Narvacan, Ilocos Sur 2 Tumauni, Isabela 3 San Pablo, Isabela 4 Mina, Iloilo 5 Mambajao, Camiguin 6 Mahinog, Camiguin 7 Catarman, Camiguin 8 Jose Abad Santos, Davao Occidental 9 La Paz, Agusan del Sur 10 San Luis, Agusan del Sur 11 Talacogon, Agusan del Sur

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2	Geologic Mapping	Printing of 1:10,000 scale maps									12 Besao, Mountain Province 13 Sagada, Mountain Province 14 Santa Cruz, Ilocos Sur 15 Tagudin, Ilocos Sur 16 Lemery, Batangas 17 Bauan, Batangas 18 Macalelon, Quezon 19 General Luna, Quezon 20 Guimbal, Iloilo 21 Hilongos, Leyte 22 Hindang, Leyte 23 Inopacan, Leyte 24 Dagami, Leyte 25 Tolosa, Leyte 26 Sagay, Camiguin 27 Guinsiliban, Camiguin 28 Lala, Lanao del Norte 29 Boston, Davao Oriental 30 Cateel, Davao Oriental
		Exposure Maps printed (no.)	0	0	32,260	0	0			0%	
		Coastal Geohazard and Impact of Climate Change									
	Geological Mapping and Surveys - Quadrangle Mapping	Field Mapping and Survey (1:10,000 scale map)									
		Coastal Municipal LGUs (Cities/Municipalities) monitored (no.)	14	18	20	0	0	0%	0%	0%	
		Quadrangles assessed/surveyed (no.)	8	11	76	10	12	125%	109%	16%	
	Provision of Laboratory Services										1 Kiangnan, Igugao (3270-III) 2 Pefiablanca, Cagayan (3372-I) 3 Hundred Islands (3068-IV) 4 Cabagan (3372-II) 5 Palo (3953-II) 6 Lavezares (3851-I) 7 San Bernardino (3858-II) 8 Gigantes Island (3654-I) 9 Estancia (3654-III) 10 Boston (4243-I) 11 Kiantay (3839-II) 12 Malixi (4245-III)
		Samples analyzed (no.)	652	1,883	8,131	1,371	3,942	210%	209%	48%	
		Determinations made (no.)	51,918	133,916	543,500	42,688	272,742	82%	204%	50%	
3	Groundwater Resource and Vulnerability Assessment										
		Groundwater Resource Assessment									
		LGUs (cities/municipalities) assessed (no.)	9	21	90	12	15	133%	71%	17%	1 Lagawe, Ifugao 2 Santa Ignacia, Tarlac 3 Gen. Santos City, South Cotabato 4 Vigan City, Ilocos Sur 5 Masinloc, Zambales 6 Sto. Tomas, Batangas 7 Pavia, Iloilo 8 San Jose, Negros Oriental 9 Catbalogan City, Samar 10 Naga, Zamboanga Zibugay



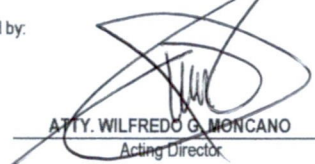
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											11 Maticao, Misamis Oriental 12 Bansalan, Davao del Sur 13 Malimono, Surigao del Norte 14 Mendez, Cavite 15 Alfonso, Cavite

Prepared by:

  
SOCORRO C. OQUENDO

OIC, Planning, Policy and International Affairs Division

Approved by:

  
ATTY. WILFREDO G. MONCANO

Acting Director

**CY 2019 EXTERNAL ACCOMPLISHMENT REPORT**  
**Mines and Geosciences Bureau - Central Office**  
**March 31, 2019**

FO-PPIAD-09A

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			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	Program Implementation Report (no.)	1	3	12	1	3	100%	100%	25%	
2	Financial Management Services	Program Implementation Report (no.)	1	3	12	1	3	100%	100%	25%	
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. Training and Career Development Program	Training/workshop/seminar conducted/attended/organized/coordinated (no.)	1	2	7	0	1	0%	50%	14%	
	c. Local Scholarship Program	Scholars monitored and 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	0	0	0%	0%	0%	
		Program implemented/monitored (no.)	1	3	12	2	3	200%	100%	25%	
2	Formulate, review/revise, develop and implement mineral policies and guidelines	Policies/Guidelines reviewed/endorsed to DENR (no.)	0	2	8	0	3		150%	38%	1 Guidelines on Care and Maintenance Programs for Mining Projects (deliberated) 2 Policy on Residual Stockpiles (deliberated) 3 Clarificatory Guidelines on ISAG Permits (deliberated)
3	Coordinate with National and International Linkages	Linkages with NGAs/LGUs/stakeholders/International Organizations coordinated/participated (no.)	18	20	35	19	28	106%	140%	80%	
4	Conduct investigation, provide legal assistance and resolve mine related cases	Hearings attended (no.)	1	3	12	1	4	100%	133%	33%	1 RTC Cebu City: Apocemco vs. DENR (Landslide in Naga, Cebu) 2 RTC Leyte: SP Proc. Case No. H-516 3 Dennis Pansoy et. al vs. Cemex Holdings Phils. CC No. TVC 2018-510 (TEPO) 4 RTC Branch 30 Surigao City: Civil Case Nos. 7404 & 7409 - "PNPI vs. Ensomo, Jr. et al"
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	4	18	3	5	300%	125%	28%	1 2nd ASEAN Mineral Awards 2 Resource Speaker at the MGB RO4A Mining Summit 3 PSA High Level Consultative Forum on the overall revision and rebasing of National Accounts of the Philippines 4 Resource Speaker during the Forum on Responsible Mining at the Ateneo de Manila University 5 Lecturer at the ENR Academy regarding Mining 101
		Press releases/ conferences/ media interviews conducted (no.)	1	1	6	1	1	100%	100%	17%	1 MGB comments/inputs to the import licensing procedures and trade facilitation



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2	Generate Mineral Economics information/Publish and disseminate IEC materials	Training/workshop/seminar conducted/attended/organized/coordinated (no.)	4	10	45	6	12	150%	120%	27%	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 Gold Recovery Using Flotation Assisted Coal-Oil Agglomeration Process
		Statistics reports generated/ monitored/ validated (no.)	5	5	13	5	5	100%	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	6,212	510	1,525	98%	100%	25%	
A.02.c	Research and Development										
1	Research Studies on Mineral Resources and Geosciences Development (MRGD) Programs	Research/studies conducted (no.)	3	3	8	3	3	100%	100%	38%	
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				5%					0%	
OUTCOME INDICATOR 2											
	Percentage of monitored mining permits/contracts complying with laws, rules and regulations				60%					0%	
OUTPUT INDICATOR 1											
	Mining applications (including other mining rights related applications) approved/denied/endorsed within the prescribed period										
OUTPUT INDICATOR 2											
	Number of mining permits/contracts monitored										
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	Issuance of mining permits/contracts (no.) a. Agreements/contracts/permits (FTAA/MPSA/EP/ISAGP/SSMP/MPP) b. Other mining related permits	1	2	12	14	17	1400%	850%	142%	
	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.) Proposed Minahang Bayan sites endorsed to DENR through MGBCO (no.) P/CMRBs maintained/operationalized/reconstituted (no.)									
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 b. Safety, Health, Environment and Social Development (SHES) Programs	0	0	50	0	0			0%	
			0	0	50	0	5			10%	
3	Mine Rehabilitation Program										
	a. Palawan Quicksilver Mines, Inc. (PQMI)	Monitoring conducted (no.)	1	1	4	1	1	100%	100%	25%	

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	
4	b. Other Abandoned/Inactive/Closed Mines	Reconnaissance survey (no.)	0	0	1	0	0			0%	1 MAB Case No. 0172-08: PICOP Resources, Inc. vs. Bemstern Mining Exploration Agro Industrial Corp.
		Risk Assessment and preparation of Environmental Plan (no.)	0	0	2	0	0			0%	
	c. Marcopper	Monitoring reports submitted to MGBCO(no.)	1	1	4	1	1	100%	100%	25%	
		Complaints/cases/conflicts investigated/resolved by: (no.)									
	Resolution of Complaints/Cases/Conflicts	a. MGB	2	3	6	0	2	0%	67%	33%	
		b. Panel of Arbitrators									
		Mines Adjudication Board cases deliberated (no.)	1	3	12	0	0	0%	0%	0%	
		Mines Adjudication Board cases resolved (no.)	3	3	12	0	1	0%	33%	8%	
	Anti-Illegal Mining Campaign	Cease and Desist Orders issued/implemented (no.)									
		Charges filed with the Provincial/City Prosecutors Office (no.)									
Strengthen Multi-partite Monitoring System	Multi-partite Monitoring Teams (MMT) of mining projects (with permits issued by MGB) operationalized (no.)										
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				12					0%	
OUTPUT INDICATOR 1											
	Percentage of Total Philippine area surveyed for geology and mineral potential				1.60%					0%	
OUTPUT INDICATOR 2											
	Number of new mineral reservation areas assessed/endorsed for declaration				15					0%	
Program 2	Mineral Resources and Geosciences Development										
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.)									
		Radio/TV Guestings (no.)									
		Press Releases/Photo Releases/Feature Stories (no.)									
	Generate/Publish/Disseminate Information, Education and Communication (IEC) Materials	Website maintained (no.)									
		IEC Materials produced/reproduced/distributed (no.)									
		Statistics Reports submitted to MGBCO (no.)									
	Capacity Building Program on MRGD Laws, Rules and Regulations	Trainings conducted/coordinated/participated on (no.)									
		a. For MGB Personnel to attend									
		b. For LGUs and other stakeholders (NGAs, CSOs, etc.)									
National and International Linkages	c. For Small-Scale Miners										
	Linkages coordinated (no.)										
2	National Mineral Reservation Program	Proposed Mineral Reservation areas endorsed (no.)	0	0	15	0	0			0%	
3	Offshore Exploration	Geophysical and Geological assessment (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:											



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	
	Percentage of LGUs that included geohazard information in their Disaster Risk Reduction and Mitigation Plan, Comprehensive Land Use Plan, and/or Development Plans				50%					0%	
OUTCOME INDICATOR 1:											
	Number of cities and municipalities where vulnerability and risk assessment was conducted		2	5	15	0	0	0%	0%	0%	
OUTCOME INDICATOR 2:											
	Number of LGUs (cities/municipalities) provided with information, education and communication campaigns on geohazards		3	3	11	0	0	0%	0%	0%	
OUTCOME INDICATOR 3:											
	Number of LGUs assessed for groundwater resources and vulnerability		0	4	15	2	2		50%	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.)	2	5	15	0	0	0%	0%	0%	
	b. Updating of 1:10,000 scale Geohazard Maps	LGUs (cities/municipalities) assessed (no.)	3	2	15	0	0	0%	0%	0%	
	c. Karst Subsurface Assessment	LGUs (cities/municipalities) assessed (no.)	1	1	5	0	0	0%	0%	0%	
	Conduct of IEC to LGUs	Seminars/Workshops for LGUs (no.)	3	3	11	0	0	0%	0%	0%	
	Printing of 1:10,000 scale maps	Exposure Maps printed (no.)	0	0	32,260	0	0			0%	
	Coastal Geohazard and Impact of Climate Change										
	Field Mapping and Survey (1:10,000 scale map)	Coastal Municipal LGUs (Cities/Municipalities) monitored (no.)	14	18	20	0	0	0%	0%	0%	
2	Geologic Mapping										
	Geological Mapping and Surveys - Quadrangle Mapping	Quadrangles assessed/surveyed (no.)	0	0	16	0	0			0%	
	Provision of Laboratory Services	Samples analyzed (no.)	501	1,503	6,016	1,052	3,203	210%	213%	53%	
		Determinations made (no.)	28,516	85,000	340,000	37,054	154,435	130%	182%	45%	
3	Groundwater Resource and Vulnerability Assessment										
	Groundwater Resource Assessment	LGUs (cities/municipalities) assessed (no.)	0	4	15	2	2		50%	13%	

1 Mendez, Cavite  
2 Alfonso, Cavite

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2 Alfonso, Cavite

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Approved by:

ATTY. WILFREDO G. MONSANO  
Acting Director

**CY 2019 EXTERNAL ACCOMPLISHMENT REPORT**  
**Mines and Geosciences Bureau - Regional Offices**  
**March 31, 2019**

FO-PPIAD-09B

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.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										
OUTCOME INDICATOR 2											
	Percentage of monitored mining permits/contracts complying with laws, rules and regulations			60%					0%		
OUTPUT INDICATOR 1											
	Mining applications (including other mining rights related applications) approved/denied/endorsed within the prescribed period		256	676	3,377	320	806	125%	119%	24%	
OUTPUT INDICATOR 2											
	Number of mining permits/contracts monitored		108	279	910	125	301	116%	108%	33%	
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										
	Issuance of mining permits/contracts (no.)										
	a. Agreements/contracts/permits (FTAA/MPSA/EP/ISAGP/SSMP/MPP)		0	0	28	10	16			57%	
	b. Other mining related permits		256	676	3,349	322	807	126%	119%	24%	
	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.)		12	16	75	12	20	100%	125%	27%	
	Proposed Minahang Bayan sites endorsed to DENR through MGBCO (no.)		0	0	15	0	0			0%	
	P/CMRBs maintained/operationalized/reconstituted (no.)		84	84	84	83	83	99%	99%	99%	
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		53	141	455	63	155	119%	110%	34%	
	b. Safety, Health, Environment and Social Development (SHES) Programs		55	138	455	62	146	113%	106%	32%	
3	Mine Rehabilitation Program										
	a. Palawan Quicksilver Mines, Inc. (PQMI)										
	Monitoring conducted (no.)										
	b. Other Abandoned/Inactive/Closed Mines										
	Reconnaissance survey (no.)										
	Risk Assessment and preparation of Environmental Plan (no.)										
	c. Marcopper										
	Monitoring reports submitted to MGBCO(no.)										
4	Resolution of Complaints/Cases/Conflicts										
	Complaints/cases/conflicts investigated/resolved by: (no.)										
	a. MGB		14	31	170	40	94	286%	303%	55%	
	b. Panel of Arbitrators		2	2	21	6	6	300%	300%	29%	



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	
	Anti-Illegal Mining Campaign	Mines Adjudication Board cases deliberated (no.)									
		Mines Adjudication Board cases resolved (no.)									
		Cease and Desist Orders issued/implemented (no.)	5	5	43	19	25	380%	500%	58%	
		Charges filed with the Provincial/City Prosecutors Office (no.)	0	0	30	1	3			10%	
	Strengthen Multi-partite Monitoring System	Multi-partite Monitoring Teams (MMT) of mining projects (with permits issued by MGB) operationalized (no.)	167	167	167	154	154	92%	92%	92%	
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										
OUTPUT INDICATOR 1											
	Percentage of Total Philippine area surveyed for geology and mineral potential				6.00%						0%
OUTPUT INDICATOR 2											
	Number of new mineral reservation areas assessed/endorsed for declaration										
Program 2	Mineral Resources and Geosciences Development										
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.)	38	62	302	33	68	87%	110%	23%	
		Radio/TV Guestings (no.)	16	48	192	20	64	125%	133%	33%	
	Generate/Publish/Disseminate Information, Education and Communication (IEC) Materials	Press Releases/Photo Releases/Feature Stories (no.)	15	45	180	25	69	167%	153%	38%	
		Website maintained (no.)	15	15	15	15	15	100%	100%	100%	
		IEC Materials produced/reproduced/distributed (no.)	228	482	2,485	391	445	171%	92%	18%	
		Statistics Reports submitted to MGBCO (no.)	60	165	495	51	161	85%	98%	33%	
	Capacity Building Program on MRGD Laws, Rules and Regulations	Trainings conducted/coordinated/participated on (no.)									
		a. For MGB Personnel to attend	10	12	84	10	17	100%	142%	20%	
		b. For LGUs and other stakeholders (NGAs, CSOs, etc.)	10	16	38	8	17	80%	106%	45%	
		c. For Small-Scale Miners	1	1	31	4	6	400%	600%	19%	
	National and International Linkages	Linkages coordinated (no.)	45	45	180	41	45	91%	100%	25%	
	2	National Mineral Reservation Program	Proposed Mineral Reservation areas endorsed (no.)								
	3	Offshore Exploration	Geophysical and Geological assessment (no.)								
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				50%						0%
OUTCOME INDICATOR 1:											
	Number of cities and municipalities where vulnerability and risk assessment was conducted		21	38	165	24	38	114%	100%	23%	

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	
OUTCOME INDICATOR 2:											
	Number of LGUs (cities/municipalities) provided with information, education and communication campaigns on geohazards		12	21	189	19	30	158%	143%	16%	
OUTCOME INDICATOR 3:											
	Number of LGUs assessed for groundwater resources and vulnerability		9	17	75	10	13	111%	76%	17%	
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.)	21	38	165	24	38	114%	100%	23%	1 Arakan, Cotabato 2 Kabugao, Apayao 3 Diadi, Nueva Vizcaya 4 Cordon, Isabela 5 Mariveles, Bataan 6 Lumban, Laguna 7 Tiwi, Albay 8 Manito,Albay 9 Makato, Aklan 10 Mutia, Zamboanga del Norte 11 Linamon, Lanao del Norte 12 Libungan, North Cotabato 13 Aleosan, North Cotabato 14 Makilala, North Cotabato 15 San Juan, La Union 16 Kasibu, Nueva Vizcaya 17 Aglipay, Quirino 18 Morong, Bataan 19 Candelaria, Quezon 20 Alcantara, Romblon 21 San Agustin, Romblon 22 Calatrava, Romblon 23 Sagnay, Camarines Sur 24 Buhi, Camarines Sur 25 Anilao, Iloilo 26 Libertad, Antique 27 Antequera, Bohol 28 Corella,Bohol 29 Cabucgayan, Biliran 30 Biliran, Biliran 31 Caibiran, Biliran 32 Bayog, Zamboanga del Sur 33 Buug, Zamboanga Sibugay 34 Kalilangan, Bukidnon 35 Tubod, Surigao del Norte 36 Malapatan, Sarangani 37 Gigaquit, Surigao del Norte 38 Claver, Surigao del Norte



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	
b. Updating of 1:10,000 scale Geohazard Maps		LGUs (cities/municipalities) assessed (no.)	21	38	165	24	38	114%	100%	23%	1 Arakan, Cotabato 2 Kabugao, Apayao 3 Diadi, Nueva Vizcaya 4 Cordon, Isabela 5 Mariveles, Bataan 6 Lumban, Laguna 7 Tiwi, Albay 8 Manito, Albay 9 Makato, Aklan 10 Mutia, Zamboanga del Norte 11 Linamon, Lanao del Norte 12 Libungan, North Cotabato 13 Aleosan, North Cotabato 14 Makilala, North Cotabato 15 San Juan, La Union 16 Kasibu, Nueva Vizcaya 17 Aglipay, Quirino 18 Morong, Bataan 19 Candelaria, Quezon 20 Alcantara, Romblon 21 San Agustin, Romblon 22 Calatrava, Romblon 23 Sagnay, Camarines Sur 24 Buhí, Camarines Sur 25 Anilao, Iloilo 26 Libertad, Antique 27 Antequera, Bohol 28 Corella, Bohol 29 Cabucgayán, Biliran 30 Biliran, Biliran 31 Caibiran, Biliran 32 Bayog, Zamboanga del Sur 33 Buug, Zamboanga Sibugay 34 Kalilangan, Bukidnon 35 Tubod, Surigao del Norte 36 Malapatan, Sarangani 37 Gigaquit, Surigao del Norte 38 Claver, Surigao del Norte
c. Karst Subsurface Assessment		LGUs (cities/municipalities) assessed (no.)	4	4	15	3	4	75%	100%	27%	1 El Salvador City, Misamis Oriental 2 Malay, Aklan 3 Badian, Cebu 4 Buug, Zamboanga Sibugay
Conduct of IEC to LGUs		Seminars/Workshops for LGUs (no.)	12	21	189	19	30	158%	143%	16%	1 Narvacan, Ilocos Sur 2 Tumauni, Isabela 3 San Pablo, Isabela 4 Mina, Iloilo 5 Mambajao, Camiguin 6 Mahinog, Camiguin 7 Catarman, Camiguin 8 Jose Abad Santos, Davao Occidental 9 La Paz, Agusan del Sur 10 San Luis, Agusan del Sur 11 Talacogon, Agusan del Sur

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	
2	Printing of 1:10,000 scale maps	Exposure Maps printed (no.)									12 Besao, Mountain Province 13 Sagada, Mountain Province 14 Santa Cruz, Ilocos Sur 15 Tagudin, Ilocos Sur 16 Lemery, Batangas 17 Bauan, Batangas 18 Macalelon, Quezon 19 General Luna, Quezon 20 Guimbal, Iloilo 21 Hilongos, Leyte 22 Hindang, Leyte 23 Inopacan, Leyte 24 Dagami, Leyte 25 Tolosa, Leyte 26 Sagay, Camiguin 27 Guinsiliban, Camiguin 28 Lala, Lanao del Norte 29 Boston, Davao Oriental 30 Cateel, Davao Oriental
	Coastal Geohazard and Impact of Climate Change										
	Field Mapping and Survey (1:10,000 scale map)	Coastal Municipal LGUs (Cities/Municipalities) monitored (no.)									
	Geologic Mapping										
	Geological Mapping and Surveys - Quadrangle Mapping	Quadrangles assessed/surveyed (no.)	8	11	60	10	12	125%	109%	20%	
											1 Kiangan, Igugao (3270-III) 2 Peñablanca, Cagayan (3372-I) 3 Hundred Islands (3068-IV) 4 Cabagan (3372-II) 5 Palo (3953-II) 6 Lavezares (3851-I) 7 San Bernardino (3858-II) 8 Gigantes Island (3654-I) 9 Estancia (3654-III) 10 Boston (4243-I) 11 Kiantay (3839-II) 12 Malixi (4245-III)
	Provision of Laboratory Services	Samples analyzed (no.)	151	380	2,115	319	739	211%	194%	35%	
		Determinations made (no.)	23,402	48,916	203,500	5,634	118,307	24%	242%	58%	
	Groundwater Resource and Vulnerability Assessment										
	Groundwater Resource Assessment	LGUs (cities/municipalities) assessed (no.)	9	17	75	10	13	111%	76%	17%	1 Lagawe, Ifugao 2 Santa Ignacia, Tarlac 3 Gen. Santos City, South Cotabato 4 Vigan City, Ilocos Sur 5 Masinloc, Zambales 6 Sto. Tomas, Batangas 7 Pavia, Iloilo 8 San Jose, Negros Oriental 9 Catbalogan City, Samar 10 Naga, Zamboanga Zibugay



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	
										11 <i>Manticao, Misamis Oriental</i> 12 <i>Bansalan, Davao del Sur</i> 13 <i>Malimono, Surigao del Norte</i>

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