

CY 2016 EXTERNAL ACCOMPLISHMENT REPORT
Mines and Geosciences Bureau
September 30, 2016

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 Report prepared (no.)	6	6	6	6	6	100%	100%	100%
2	Financial Management Services	Report prepared (no.)	4	4	4	4	4	100%	100%	100%
A.01.b	Human Resource Development									
1	Human Resource Development Service									
a.	Program Monitoring and Evaluation	Program Implementation Report (no.)	1	9	12	1	9	100%	100%	75%
b.	HR Plan	Competency-Based System, Needs Assessment and 5-Yr HR Plan prepared (no.)	0	0	1	0	1			100%
c.	Training and Career Development Program	Training and Development Programs conducted/implemented/supported (no.)	1	13	18	1	16	100%	123%	89%
d.	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.)	0	2	3	0	3		150%	100%
		Program implemented/monitored (no.)	1	9	12	1	9	100%	100%	75%
2	Formulate, review/revise, develop and implement mineral policies and guidelines	Policies/Guidelines reviewed/endorsed to DENR (no.)	2	6	8	0	8	0%	133%	100%
										1 2 3 4 5 6 7 8
3	Coordinate with National and International Linkages	Linkages participated/coordinated (no.)	23	41	50	21	70	91%	171%	140%
4	Conduct investigation, provide legal assistance and resolve mine related cases	Investigation assisted (no.)	1	12	17	2	11	200%	92%	65%
		Mines Adjudication Board resolved/deliberated (no.)	3	9	12	0	0	0%	0%	0%
A.02.b	Mineral Economics, Information and Publication									
1	Conduct IEC and Advocacy on Mineral Resources and Geosciences (MRGS)	IEC conducted/organized/participated (no.)	1	11	14	1	13	100%	118%	93%
										1 2

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										3 Resource Speaker to the 2016 Shell Technology Forum re: Sector Outlook and Government Programs Pertaining to the Philippine Mining Industry on March 3 at Sofitel Phil Plaza Hotel
										4 Presenter to the PH-EITI Project Board Meeting Re: Improved National Policies on Ensuring Equitable Sharing of National Wealth to Local Gov't. on April 19, 2016 at Orchid Garden Suite
										5-6 Stakeholder's Forum entitled "Understanding Policies that Govern Mining Operations and Best Practices in Mining that Promote Responsible Mining (Batch 1 & Batch 2)
										7 Presenter to the DTI-BOI meeting re: Fiscal Regime of Oceana Gold Phils., Inc.
										8 Resource Speaker to the Stakeholder's Forum Re: Updates on the Extractive Industries Transparency Initiatives (EITI)
										9 Attended the Phil. Statistics Authority -NCR News Conference on the 2015 Regional Economy of the National Capital Region on July 28, 2016 at Great Eastern Hotel
										10 Presenter to the PH-EITI Roadshow in Davao re: "Key findings and recommendations of the 2nd PH-EITI report" on Aug. 10, 2016
										11 Presenter to the 2nd Leg of the PH-EITI roadshow in Cebu re: "Key findings and recommendations of the 2nd PH-EITI report" on Aug. 24, 2016
										12 Presenter to the 3rd Leg of the PH-EITI roadshow in Baguio City re: "Key findings and recommendations of the 2nd PH-EITI report" on Aug. 30, 2016
										13 Presenter to the 4th leg of the PH-EITI Roadshow in Palawan City re: Key findings of the 2nd PH-EITI country report on Sept 13-15, 2016.
	Press releases/ conferences/ media interviews conducted (no.)	7	63	84	3	71	43%	113%	85%	1 PPEI conducts forum on Environmental Protection and Responsible Mining
										2 MGB holds seminar on GAM implementation
										3 MGB Chemists, Metallurgists gear up for ISO Accreditation
										4 MGB heads TV/G on Benham Rise research program
										5 Palace commends best mining practices
										6 LGSD hosts Workshop for Geohazard Maps Layouting
										7 Jasareno appoints most number of Women in MGB Top posts
										8 MGB Scores Big in 2015
										9 MGB institutionalizes procedure in anti-illegal mining campaign
										10 DENR cancels MPSA of Concordia R. Llave
										11 MGB now ISO 9001:2008 certified
										12 MGB to DBM: Challenge met
										13 MGB targets zero backlog in EP Applications evaluation by June

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										14 MGB Chorale debuts in Environment Summit
										15 MeTD personnel undergo training
										16 MGB bags transparency award
										17 Outstanding technical papers awarded in Annual Forum
										18 DENR Secretary commends MGB Engineer
										19 LGSD holds Geologic Quadrangle Mapping Workshop
										20 MGB Holds First Middle Management Conference
										21 MGBEA attends 2016 1st K4 National President's Meeting
										22 New members join Environmental Crime Division
										23 MGB Welcomes New Regional Office
										24 DENR declares the cancellation of two MPSAs as final and executory
										25 MGB confirms another triumph against illegal mining in Lupon, Davao Oriental
										26 MSESDD conducts National Forum
										27 MGB collaborates with MIRDC on Iron Making Study
										28 MGB personnel attend International Events and one gets a Scholarship grant
										29 MGB employees undergo Gender Sensitivity Training
										30 MGB Provides inputs to Cave Management Guidebook and Cave Safety and Protocol
										31 MGB stops illegal quarrying in Quezon City
										32 PA-MAB finalizes amendments on rules and procedures on mining conflict resolution
										33 2015 Investments from Major Mining Projects Reaches US\$ 924.94 Million
										34 TVIRD's Balabag Gold and Silver Project gets approval from MGB
										35 Senior Metallurgists join Development Academy of the Philippines as Middle Managers Class Scholars
										36 PH Metallic Production Value drops by 23% in 2015
										37 MGB attends 2nd Asia-Pacific Business Forum in Bangkok, Thailand
										38 MGB proposes higher budget for 2017
										39 MGBEA celebrates 34th Anniversary
										40 MGB's Geohazard Maps now viewable and downloadable online
										41 MGB welcomes new lawyers
										42 Launch of the Freedom Memorial Museum
										43 On Good Governance: Zero tolerance to Corruption
										44 Offshore Mining Guidelines signed
										45 MGB supports PRO Earth Run 2016: "Earth Day, Every Day, Everywhere, for Everyone"
										46 MeTD autoclave ready for Research and Development projects
										47 MGB celebrates Philippine Environment Month
										48 MGB study: Leyte susceptible to mass movement coastal erosion

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		This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual		
										49 DENR suspends mining operations of Zambales Diversified Metals Corporation and Benguet Corp. Nickel Mines, Inc.	
										50 MGB Welcomes New DENR Secretary Gina Lopez	
										51 Secretary Gina Lopez signed her first DMO 2016-01 Re: Audit of All Operating Mines and Moratorium on New Mining Projects	
										52 MGB to produce 1:250,000 scale groundwater availability maps	
										53 MGB embarks on a web-based MIS vs. illegal mining	
										54 MGB gets ready for Environmental cases	
										55 Mercury-free analysis at par with conventional analytical methods	
										56 MGB is 3rd overall champion at DENR Sportsfest 2016	
										57 Stakeholders forum on responsible mining, new policies	
										58 MGB: Best among the Best in the DENR	
										59 MGB saves the threatened Philippine endemic tree species	
										60 New MGBEA Officers assumes posts	
										61 Jacinto: Serve with Professionalism, Competence not Corruption	
										62 MGB briefs New Allies vs. Illegal Mining	
										63 Revised Job Descriptions for MGB Personnel finalized	
										64 On paying tribute to our Legal Stalwarts	
										65 First ever: Current and Past MGB Directors together	
										66 Q1 Metallic Production Value down by 12% on Soft Metal Prices	
										67 Last respect for ASEC Abungan	
										68 Jacinto's Challenge: Address Concerns, Shares Info, Reason with Oppositors	
										69 MGB set to participate in R.A.C.E. to Serve Fun Run	
										70 Radar Technology applied in Philippine Mine	
										71 MGB Study: Retreating Coastlines of Camarines Sur caused by Erosion	
	Capacity Building										
	a) for MGB Personnel	2	26	36	0	34	0%	131%	94%		
	b) for Stakeholders	0	1	2	0	4		400%	200%		
2	Generate information/Publish and disseminate IEC materials	Statistics reports generated/ monitored/ validated (no.)	2	11	13	2	11	100%	100%	85%	
		Strategic Mineral Information Systems managed/developed/maintained (no.)	8	8	8	8	8	100%	100%	100%	
		Information materials generated/published/disseminated (no.)	521	4,646	6,209	1,034	5,469	198%	118%	88%	
A.02.c	Research and Development										
1	Research Studies on Mineral Resources and Geosciences (MRGS) Programs	Research/studies conducted (no.)	8	8	10	8	8	100%	100%	80%	1 Upgrading of Iron, Nickel and Chromite from Low Grade Laterite Ores Through Reduction Roasting
											2 Technical Study on the Recovery of Residual Gold from the Tailings of Small-Scale Operation

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										3 Recovery of Nickel from Low Grade Philippine Laterite Ores by Agitated Atmospheric Leaching and High Pressure Leaching 4 Alternative Method of Alumina Determination in Chromite Ores by Chelatometric Titration 5 Mercury-free Analysis of Total Iron in Nickel and Iron Ore by Reductometric Titration with Ascorbic Acid 6 Research on the Cenozoic Stratigraphy of the Philippines 7 Establishment of Blasting Vibration Standards 8 Ground Deformation Monitoring Through Remote Sensing
A.03	OPERATIONS									
	MFO 1 : MINERAL RESOURCE DEVELOPMENT SERVICES									
	<i>Quantity: Number of new mineral reservation areas assessed/endorsed for declaration</i>	0	18	18	0	0				
	<i>Quality: Percentage of area surveyed that is identified as a mineral reservation</i>									
	<i>Quality: Percentage of stakeholders who rate the quality of MGB Mineral Reservation maps as good or better</i>									
	<i>Quality: Percentage increase in the peso value of royalty payments collected</i>									
	<i>Timeliness: Percentage of Philippine territory surveyed (geological exploration) at least once in the last 3 years</i>									
A.03.a	Mineral Resource Services									
1	Communication Plan on Mineral Resources and Geosciences Development									
	Conduct Awareness and Advocacy on Mineral Resources and Geosciences (MRGS)	LGUs and other stakeholders oriented (no.)	26	120	161	27	175	104%	146%	109%
		Radio/TV Guestings attended (no.)	18	162	216	16	212	89%	131%	98%
		Press Releases/Photo Releases/Feature Stories (no.)	16	144	192	26	236	163%	164%	123%
	Generate information/Publish and disseminate IEC materials	Statistics reports generated/ monitored/ validated (no.)	15	375	480	19	389	127%	104%	81%
		Website maintained (no.)	15	15	15	15	15	100%	100%	100%
		Information materials generated/published/disseminated (no.)	250	1,226	1,685	290	1,639	116%	134%	97%
	National Linkages	LGUs/stakeholders meetings/conferences coordinated/participated (no.)	15	135	180	19	189	127%	140%	105%
	Capacity Building Program on MRGS	LGUs and other stakeholders trained/oriented (no.)	8	32	37	8	37	100%	116%	100%
2	Mineral Reservation Program									
SAG-F	Establishment of Mineral Reservations per EO No. 79									
	a. Establishment of New Mineral Reservations	Area assessed/endorsed for declaration (no.)	0	18	18	0	0		0%	0%
	b. Research and Development / Special Projects	Research/Studies conducted/developed (no.)	0	0	1	0	0			0%
	c. Mineral Reservation Program Administration	MGB Facilities/Equipment upgraded/maintained/enhanced (no.)	0	0	10	0	0			0%

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A.03.b	Geosciences Development Services										
1	Geohazard Assessment Program										
	Land Geohazard Assessment										
	a. Vulnerability and Risk Assessment										
	LGUs assessed										
	City/Municipality (no.)	14	168	200	21	162	150%	96%	81%	1	Lagawe, Ifugao
										2	Kiangan, Ifugao
										3	Candon City, Ilocos Sur
										4	San Mariano, Isabela
										5	Palayan City, Nueva Ecija
										6	Bongabon, Nueva Ecija
										7	San Francisco, Quezon
										8	Mulanay, Quezon
										9	Socorro, Oriental Mindoro
										10	Pola, Oriental Mindoro
										11	Pinamalayan, Oriental Mindoro
										12	Leganes, Iloilo
										13	Loboc, Bohol
										14	Dapitan City, Zamboanga del Sur
										15	Molave, Zamboanga del Sur
										16	Gingog City, Misamis Oriental
										17	Norala, South Cotabato
										18	Banga, South Cotabato
										19	Bauko, Mt. Province
										20	Tadian, Mt. Province
										21	Gabaldon, Nueva Ecija
										22	Dingalan, Aurora
										23	San Juan, Batangas
										24	Lobo, Batangas
										25	Mamburao, Occ. Mindoro
										26	Sablayan, Occ. Mindoro
										27	Iriga, Camarines Sur
										28	Virac, Catanduanes
										29	Zarraga, Iloilo
										30	Lauan, Antique
										31	Dalaguete, Cebu
										32	Albuera, Leyte
										33	Naval, Biliran
										34	Sogod, So. Leyte
										35	Maasin, So. Leyte
										36	Ozamis, Misamis Oriental
										37	Magsaysay, Davao del Sur
										38	Surallah, South Cotabato
										39	Urdaneta City, Pangasinan
										40	Villasis, Pangasinan
										41	Baler, Aurora

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										42 Science City of Muñoz, Nueva Ecija
										43 Taysan, Batangas
										44 Catanauan, Quezon
										45 Mogpog, Marinduque
										46 Pili, Camarines Sur
										47 Guiuan, Eastern Samar
										48 Mercedes, Eastern Samar
										49 Salcedo, Eastern Samar
										50 Kananga, Leyte
										51 Pres. Manuel Roxas, Zamboanga del Norte
										52 Sindangan, Zamboanga del Norte
										53 Clarin, Misamis Occidental
										54 Tudela, Misamis Occidental
										55 Braulio E. Dujali, Davao del Norte
										56 Lake Sebu, South Cotabato
										57 Bislig City, Surigao del Sur
										58 Barobo, Surigao del Sur
										59 Bauang, La Union
										60 Angeles, Pampanga
										61 Mankayan, Benguet
										62 Basco, Batanes
										63 Sabtang, Batanes
										64 Enrile, Cagayan
										65 Cabanatuan City, Nueva Ecija
										66 Lucena City, Quezon
										67 Bongabong, Oriental Mindoro
										68 San Jose, Occ. Mindoro
										69 Bulan, Sorsogon
										70 Borongan, Eastern Samar
										71 Calbayog, Samar
										72 Catarman, Northern Samar
										73 Baybay, Leyte
										74 Sibutad, Zambo. Del Norte
										75 Polanco, Zambo. Del Norte
										76 Buenavista, Agusan del Norte
										77 Cortes, Bohol
										78 Jagna, Bohol
										79 Garcia Hernandez, Bohol
										80 Tacloban, Leyte
										81 Tuguegarao, Cagayan
										82 Reina Mercedes, Isabela
										83 Palo, Leyte
										84 Carmen, North Cotabato
										85 Kidapawan City, Cotabato
										86 Pavia, Iloilo
										87 Barotac Nuevo, Iloilo
										88 San Enrique, Negros Occidental

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										89 Canaman, Camarines Sur
										90 Sablan, Benguet
										91 Tabuk City, Kalinga
										92 Pinukpuk, Kalinga
										93 Nasipit, Agusan del Norte
										94 Cabadbaran City, Agusan del Norte
										95 Bayugan, Agusan del Sur
										96 Iba, Zambales
										97 Subic, Zambales
										98 Balanga, Bataan
										99 Benito Soliven, Isabela
										100 Aparri, Cagayan
										101 Diffun, Quirino
										102 Cabarroguis, Quirino
										103 Sta. Maria, Davao Occidental
										104 Padada, Davao del Sur
										105 Hagonoy, Davao del Sur
										106 Sta. Cruz, Davao del Sur
										107 Carmen, Davao del Norte
										108 Sta. Maria, Pangasinan
										109 San Nicolas, Pangasinan
										110 Santa, Ilocos Sur
										111 Vigan, Ilocos Sur
										112 Unisan, Quezon
										113 Imelda, Zamboanga Sibugay
										114 Diplahan, Zamboanga Sibugay
										115 Sinacaban, Misamis Occidental
										116 Panaon, Misamis Occidental
										117 Jimenez, Misamis Occidental
										118 Ronda, Cebu
										119 Moalboal, Cebu
										120 Sta. Fe, Nueva Vizcaya
										121 Bayombong, Nueva Vizcaya
										122 Boac, Marinduque
										123 Magarao, Camarines Sur
										124 Daet, Camarines Norte
										125 Badian, Cebu
										126 Bansalan, Davao del Sur
										127 Lambayong, Sultan Kudarat
										128 Trento, Agusan del Sur
										129 Loreto, Agusan del Sur
										130 Cagayan de Oro, Misamis Oriental
										131 Talisay, Camarines Norte
										132 Numancia, Aklan
										133 Patnongon, Aklan
										134 Malalag, Davao del Sur
										135 Pres. Roxas, Capiz

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b. Updating of 1:10,000 scale Geohazards Maps (as a result of changes due to natural calamities)	LGUs assessed									136 Pilar, Capiz 137 Ilagan City, Isabela 138 Daanbantayan, Cebu 139 Sariaya, Quezon 140 San Francisco, Agusan del Sur 141 Prosperidad, Agusan del Sur 142 Digos, Davao del Sur 143 Panabo, Davao del Norte 144 Lipa, Batangas 145 Luna, Isabela 146 Midsayap, North Cotabato 147 Barbaza, Antique 148 San Jose, Antique 149 Taytay, Palawan 150 San Lorenzo Ruiz, Camarines Norte 151 Flora, Apayao 152 Luna, Apayao 153 San Fernando City, La Union 154 Mangaldan, Pangasinan 155 Bogo City, Cebu 156 Sulop, Davao del Sur 157 San Rafael, Iloilo 158 San Enrique, Iloilo 159 Malvar, Batangas 160 Aloran, Misamis Occidental 161 Esperanza, Agusan del Sur 162 Argao, Cebu
	City/Municipality (no.)	1	16	20	1	19	100%	119%	95%	1 Baco, Oriental Mindoro 2 Leganes, Iloilo 3 Bongabon, Nueva Ecija 4 Loboc, Bohol 5 Gingoog City, Misamis Oriental 6 Tacloban, Leyte 7 Tuguegarao City, Cagayan 8 Reina Mercedes, Isabela 9 Bauko, Mt. Province 10 Candon City, Ilocos Sur 11 Iriga, Camarines Sur 12 Magsaysay, Davao del Sur 13 Palo, Leyte 14 Lucena City, Quezon 15 Kananga, Leyte 16 Cabadbaran City, Agusan del Norte 17 Daet, Camarines Norte 18 Ilagan City, Isabela

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c. Detailed Sub-surface Assessment	LGU's assessed City/Municipality (no.)	2	12	15	0	14	0%	117%	93%	19 Luna, Isabela
										1 Garcia Hernandez, Bohol
										2 Anda, Bohol
										3 Duero, Bohol
d. Conduct of IEC to LGUs (IEC Campaign on Geohazard and VRA Maps)	Consultation/Workshops for Barangay Captains & Officials conducted (no.)	3,176	13,965	22,029	2,788	12,712	88%	91%	58%	4 Valencia, Bohol
										5 Daus, Bohol
e. Printing of 1:10,000 scale maps	Map sheets printed/produced (no.)	25,250	75,750	101,000	4,806	55,306	19%	73%	55%	6 Sikatuna, Bohol
Coastal Geohazard Assessment	LGU's assessed City/Municipality (no.)	23	172	186	20	133	87%	77%	72%	7 Lila, Bohol
										8 Calape, Bohol
										9 Corella, Bohol
										10 Sevilla, Bohol
										11 Jagna, Bohol
										12 Dimiao, Bohol
										13 Mabini, Bohol
										14 Loboc, Bohol
										1 San Francisco, Quezon
										2 Gingoog City, Misamis Oriental
										3 Dalaguete, Cebu
										4 Allen, Northern Samar
										5 Capul, Northern Samar
										6 San Antonio, Northern Samar
										7 San Isidro, Northern Samar
										8 Victoria, Northern Samar
										9 Asturias, Cebu
										10 Tabuelan, Cebu
										11 Tuburan, Cebu
										12 San Remigio, Cebu
										13 Cotabato City, Cotabato
										14 Lazi, Siquijor
										15 San Juan, Siquijor
									16 Toledo City, Cebu	
									17 Balamban, Cebu	
									18 Ronda, Cebu	
									19 Dumanjug, Cebu	
									20 Barili, Cebu	
									21 Aloguinsan, Cebu	
									22 Pinamungahan, Cebu	
									23 Tomas Oppus, Leyte	

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										24 Jimalalud, Negros Oriental
										25 Tayasan, Negros Oriental
										26 Ayungon, Negros Oriental
										27 Calbayog City, Samar
										28 Sta. Margarita, Samar
										29 Gandara, Samar
										30 Pagsanghan, Samar
										31 Tarangnan, Samar
										32 Catbalogan City, Samar
										33 Jiabong, Samar
										34 Motiong, Samar
										35 Paranas, Samar
										36 Cortes, Bohol
										37 Maribojoc, Bohol
										38 Loon, Bohol
										39 Calape, Bohol
										40 Tubigon, Bohol
										41 Villareal, Samar
										42 Talalora, Samar
										43 Sta. Rita, Samar
										44 Basey, Samar
										45 Marabut, Samar
										46 Sibulan, Negros Oriental
										47 Bacong, Negros Oriental
										48 Dauin, Negros Oriental
										49 Zamboanguita, Negros Oriental
										50 Basay, Negros Oriental
										51 Lapu-lapu City, cebu
										52 Cordova, Cebu
										53 Talisay City, Cebu
										54 Minglanilla, Cebu
										55 Naga City, Cebu
										56 Lawaan, Eastern Samar
										57 Balangiga, Eastern Samar
										58 Maria, Siquijor
										59 Enrique Villanueva, Siquijor
										60 Bogo City, Cebu
										61 Daanbantayan, Cebu
										62 Medellin, Cebu
										63 San Fernando, Cebu
										64 Lebak, Sultan Kudarat
										65 Palimbang, Sultan Kudarat
										66 Kalamansig, Sultan Kudarat
										67 Boljoon, Cebu
										68 Ginatilan, Cebu
										69 Malabuyoc, Cebu
										70 Oslob, Cebu

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		This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual	
										71 Santander, Cebu
										72 Bontoc, So. Leyte
										73 Sogod, So. Leyte
										74 Malitbog, So. Leyte
										75 Padre Burgos, So. Leyte
										76 Limasawa, So. Leyte
										77 San Juan, So. Leyte
										78 Anahawan, So. Leyte
										79 St. Bernard, So. Leyte
										80 Hinundayan, So. Leyte
										81 Hinunangan, So. Leyte
										82 Libagon, So. Leyte
										83 Liloan, So. Leyte
										84 San Francisco, So. Leyte
										85 Pintuyan, So. Leyte
										86 San Ricardo, So. Leyte
										87 Biri, Northern Samar
										88 Lavezares, Northern Samar
										89 Rosario, Northern Samar
										90 San Jose, Northern Samar
										91 Compostela, Cebu
										92 Liloan, Cebu
										93 Consolacion, Cebu
										94 Mandaue City, Cebu
										95 Cebu City, Cebu
										96 Talibon, Bohol
										97 Bien Unido, Bohol
										98 Ubay, Bohol
										99 Carcar, Cebu
										100 Sibonga, Cebu
										101 Duero, Bohol
										102 Jagna, Bohol
										103 Garcia Hernandez, Bohol
										104 Valencia, Bohol
										105 Dimiao, Bohol
										106 Lila, Bohol
										107 Loay, Bohol
										108 Albuquerque, Bohol
										109 Baclayon, Bohol
										110 Alegria, Cebu
										111 Badian, Cebu
										112 Moalboal, Cebu
										113 Alcantara, Cebu
										114 <i>Can-Avid, Eastern Samar</i>
										115 <i>Taft, Eastern Samar</i>
										116 <i>Sulat, Eastern Samar</i>
										117 <i>Maydolong, Eastern Samar</i>

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2 Geologic Assessment Program Geologic Survey and Exploration										118 <i>Balangkayan, Eastern Samar</i> 119 <i>Llorente, Eastern Samar</i> 120 <i>Bindoy, Negros Oriental</i> 121 <i>Manjuyod, Negros Oriental</i> 122 <i>Bais, Negros Oriental</i> 123 <i>Tanjay City, Negros Oriental</i> 124 <i>Amlan, Negros Oriental</i> 125 <i>San Jose, Negros Oriental</i> 126 <i>Tabogon, Cebu</i> 127 <i>Borbon, Cebu</i> 128 <i>Sogod, Cebu</i> 129 <i>Larena, Siquijor</i> 130 <i>Siquijor, Siquijor</i> 131 <i>Bayawan City, Negros Oriental</i> 132 <i>Sta. Catalina, Negros Oriental</i> 133 <i>Siaton, Negros Oriental</i>
	Quadrangle maps (no.)	4	38	40	1	38	25%	100%	95%	1 <i>Norzagaray Quadrangle (Bulacan)</i> 2 <i>San Miguel Quadrangle (Bulacan)</i> 3 <i>Umingan Quadrangle (Pangasinan)</i> 4 <i>Bongabon Quadrangle (Nueva Ecija)</i> 5 <i>Malolos-Alupipey Quadrangle (Bulacan)</i> 6 <i>Ligaya Quadrangle (Aurora Province)</i> 7 <i>Maria Aurora Quadrangle (Aurora Province)</i> 8 <i>Cabanatuan Quadrangle (Nueva Ecija Province)</i> 9 <i>Bitulok Quadrangle (Aurora Province)</i> 10 <i>Dipaculao Quadrangle (Aurora Province)</i> 11 <i>Gerona Quadrangle (Tarlac Province)</i> 12 <i>Sto. Domingo Quadrangle (N. Ecija Province)</i> 13 <i>Diatorin Point Quadrangle (Aurora Province)</i> 14 <i>Tarlac Quadrangle (Tarlac Province)</i> 15 <i>Rizal Quadrangle (Tarlac Province)</i> 16 <i>O'Donnell Quadrangle (Tarlac Province)</i> 17 <i>Dinalongan Quadrangle (Aurora Province)</i> 18 <i>Mt. Dorst Quadrangle (Bataan Province)</i> 19 <i>Camiling Quadrangle (Tarlac Province)</i> 20 <i>Angeles Quadrangle (Pampanga Province)</i> 21 <i>Santa Juliana Quadrangle (Tarlac Province)</i> 22 <i>Dinalupihan Quadrangle (Bataan Province)</i> 23 <i>Sta. Ignacia Quadrangle (Tarlac Province)</i> 24 <i>Mabalacat Quadrangle (Pampanga Province)</i> 25 <i>Casiguran Quadrangle (Aurora Province)</i> 26 <i>Mt. Balintingon (N. Ecija Province)</i> 27 <i>Gapan Quadrangle (N. Ecija Province)</i> 28 <i>Mt. Anacuao Quadrangle (N. Ecija Province)</i>

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3	Laboratory Services	Determinations Made (no.)	72,531	636,732	837,022	58,984	721,678	81%	113%	86%	29 Mapalad Quadrangle (Quirino-Aurora Province) 30 Umpakan Quadrangle (Bulacan Province) 31 Orion Quadrangle (Bataan Province) 32 Mt. Arayat Quadrangle (Pampanga Province) 33 Papaya Quadrangle (N. Ecija Province) 34 Dikabasan Quadrangle (Aurora Province) 35 Paniqui Quadrangle (Tarlac Province) 36 Bunga Quadrangle (N. Ecija Province) 37 Olongapo Quadrangle(Zambales Province) 38 Pugo/Nagtipunan Quadrangle (Quirino Province)
	Groundwater Resource and Vulnerability Assessment	LGU's assessed Province (no.)	5	15	18	1	8	20%	53%	44%	1 Pangasinan 2 Quirino Province 3 Marinduque Province 4 Negros Occidental 5 Nueva Ecija 6 Zamboanga Sibugay 7 Masbate 8 Leyte
A.03.c	MFO 2 : MINING REGULATION SERVICES										
	Mineral Lands Administration										
	PI 1 Permit Issuance										
	<i>Quantity: Number of mining permits/contracts issued and agreements endorsed for approval</i>		381	2,783	3,507	555	4,256				
	<i>Timeliness: Percentage of agreements entered into within 4 months from tendering</i>										
1	Mineral Investment Promotion Program										
	Issuance of mining contracts/permits including areas within mineral reservations and other related permits	Issued/endorsed mining rights/contracts/permits (no.)									
		a) Agreements/contracts/permits (FTAA/MPSA/EP/ISAGP/SSMP/MPP/MOEP)	94	670	846	164	1,067	174%	159%	126%	
		b) Other mining related permits	287	2,113	2,661	391	3,189	136%	151%	120%	
		Declaration of Mining Project Feasibility endorsed for Approval (no.)	1	6	6	0	6	0%	100%	100%	1 DMPF of Austral Asia Link Mining Corp. (Order dated Jan. 25, 2016) 2 DMPF of Hallmark Mining Corp. (Order dated Jan. 25, 2016) 3 Partial DMPF of Celestial Nickel Mining Exploration Corp. and/or Iplan Nickel Corp. under MPSA No. 017-93-IV 4 Partial DMPF of Magellan Consolidated Mines and Devt Corp under EP 011-2010-V (Order dated April 14, 2016) 5 DMPF of Shangfil Mining and Trading Corp. under MPSA No. 250-2007-III (Order dated May 25, 2016) 6 DMPF of TVIRD under MPSA No. 086-97-IX (Order dated April 29, 2016)

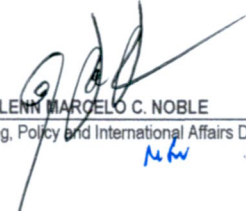
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Measures to improve Small-Scale Mining per EO No. 79 Development of Small-scale Mining	P/CMRB operationalized/reconstituted (no.)	84	84	85	85	85	101%	101%	100%	1 Sinaad, San Francisco, Sergio Osmena, Zambo. Del Norte 2 Brgy. Bagumbayan & Isulan, Sultan Kudarat 3 Aroroy, Masbate 4 Brgy. San Miguel, Giporlos, Eastern Samar 5 Brgy. Marayag, Lupon, Davao Oriental	
	Declaration of Minahang Bayan (Proposed MB sites endorsed) (no.)	3	4	15	2	5	67%	125%	33%		
	Inventory (no.)	14	58	72	12	54	86%	93%	75%		
	Technical Assistance (SSMiners/LGUs trained) (no.)	6	23	29	2	21	33%	91%	72%		
PI 2 Monitoring											
Quantity: Number of sites and facilities monitored and/or inspected with reports issued		122	909	1,067	107	942					
Quality: Percentage of agreements with 1 or more violations over the last 3 years											
Timeliness: Percentage of sites that have been inspected more than twice in the last 2 years											
2 Mining Industry Development Program	Monitor/audit of approved mining contracts/ permits including areas within mineral reservations as to compliance to the implementation of approved Work Program and Safety, Health, Environment and Social Programs	Permit areas/projects monitored (no.) a) Work Program b) Safety, Health, Environment and Social Programs	58 64	450 459	550 517	45 62	456 486	78% 97%	101% 106%	83% 94%	
	Full Enforcement of Environmental Standards in Mining Operations pursuant to EO No. 79	Permit areas/projects audited (no.) a) Work Program b) Safety, Health, Environment and Social Programs	21 0	48 25	62 25	0 0	18 28	0% 112%	38% 112%	29% 112%	
	Mine Rehabilitation Program	Multi-Partite Monitoring Team (MMT) operationalized (no.)	164	164	170	183	183	112%	112%	108%	
a. Bagacay Mine area	Reforestation of Peripheral site conducted (ha.) (establishment, care and maintenance of area)		70	70	70	70	70	100%	100%	100%	
	Engineering Mitigating Measures implemented (no.) (Limestone Rock Dam enhancement, diversion channel/pipeline construction, Slope stabilization, etc.)		0	1	1	0	0		0%	0%	- Replacement of 20 cu.m. of limestone material was hold in abeyance due to the delay in downloading of funds to MGB RO VIII
	Revegetation/Reforestation of Bagacay Mine Area conducted (ha.)		30	30	30	0	10	0%	33%	33%	- A Total of 10 hectares were planted with Acacia manguim, Pterocarpus indicus, Casuarina equisetifolia and Vetiver sp.
b. Other Abandoned/Inactive/Closed Mines	Risk Assessment of Abandoned/Inactive mining areas/sites conducted (no.) (Mine Environmental Management Plan prepared)		0	0	1	0	0			0%	- Awarding of the Risk Assessment and Preparation of Environmental Management Plan Project was hold in abeyance due to the approval of Work and Financial Plan CY 2016.


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	Implementation of Mine Environmental Management Plan (no.)	2	2	2	2	2	100%	100%	100%	Palawan Quicksilver Mines (2nd year Implementation of Interim Rehabilitation Measures) - Out of 1200 meters, a total of 820 meter outer perimeter fence was installed. The installation of the remaining 380 meters was hold in abeyance due to informal settlers. - Conducted Biota sampling within the pitlake of PQMI and Honda Bay area. Black Mountain, Inc. (1st year Implementation of Phase II Interim Rehabilitation Measures) - The construction of Phase II project was already completed. - Presence of significant patches of vegetation were observed in the landslide area.
c. Marcopper	Mine Environmental Mgt. Plan prepared/implemented/monitored (no.)	1	1	1	1	1	100%	100%	100%	
PI 3 Enforcement										
<i>Quantity: Number of violations or complaints acted upon with reports issued</i>		24	133	189	30	223				
<i>Quality: Percentage of submitted reports that resulted in the issuance of notice of violations and penalties imposed</i>										
<i>Timeliness: Percentage of complaints or detected violations that are acted upon earlier than the prescribed period</i>										
3	Resolution of Complaints/Cases/Conflicts	Complaints/Cases/conflicts investigated/resolved (no.)								
	a) MGB	19	118	161	25	199	132%	169%	124%	
	b) Panel of Arbitrators (PAs)	5	15	28	5	24	100%	160%	86%	
	Addressing Illegal Mining Operations per EO No. 79	Illegal Mining Sites with Cease and Desist Order (CDO) issued/implemented (no.)								
	Anti-Illegal Mining	11	44	57	2	42	18%	95%	74%	
		13	20	57	0	11	0%	55%	19%	

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