

CY 2017 EXTERNAL ACCOMPLISHMENT REPORT
Mines and Geosciences Bureau
September 30, 2017

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.	Training and Career Development Program	Training and Development Programs conducted/implemented/supported (no.)	0	6	7	1	7		117%	100%
c.	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	2	3	1	2	100%	100%	67%
		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.)	1	6	8	0	5	0%	83%	63%
3	Coordinate with National and International Linkages	Linkages with NGAs/LGUs/stakeholders/International Organizations coordinated/participated (no.)	19	31	51	31	70	163%	226%	137%
4	Conduct investigation, provide legal assistance and resolve mine related cases	Investigation assisted (no.)	1	4	4	0	3	0%	75%	75%
		Hearings attended (no.)	1	9	12	1	10	100%	111%	83%

- 1 MGB Memorandum Circular No. 2017-01: Prioritization in the Selection of Target Areas and Metals/Mineral Commodities and Preparation of Work Plans for Implementation under the Mineral Reservation Program Beginning 2017
- 2 MGB Memorandum Circular No. 2017-02: Clarification on the Issuance of Mineral Processing Permit
- 3 PD No. 2017-0086-0087 on the Prescribed Timeliness for the processing of requests, Documents, and Applications from the General Public.
- 4 Mining Tenements Document Management System (MTDMS)
- 5 Providing for Procedure on the Conduct of Administrative Confiscation Seizure of Illegally-Sourced Minerals/Mineral Production

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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	11	14	0	18	0%	164%	129%	1 ASEAN Mineral Awards Stakeholders Briefing on the Promotion of Environmentally and Socially Sustainable Minerals Development
											2 EDSOR Consortium re: Mining Act of 1995 and other mining issues in the country
											3 Philippine Open Gov Leadership Forum 2017
											4 2017 BSP Exporter's Forum
											5 Consultation Workshop on the Natural Capital Accounting Institutionalization Road Map
											6 PH-EITI Industry Forum
											7 Forum conducted for Mining Companies re:"Understanding Policy Issuances Relating to Mining and Best Practices in Mining and Processing that Promote Responsible Mining"
											8 Forum conducted for Otherstakeholders re:"Understanding Policy Issuances Relating to Mining and Best Practices in Mining and Processing that Promote Responsible Mining"
											9 Launching of the Advocacy for Responsible Mining
											10 ASOMM Working Group Meeting
											11 Presenter to the China ASEAN Mining Cooperation Forum and Exhibition on Aug 22-27 at Nanning China
											12 Exhibitor to the China ASEAN Mining at Nanning International Convention and Exhibit Center in Guangxi, PRC
											13 Presenter to the Annual Nationwide Roadshow re: Extracting Value in Transparency: A Forum on Promoting Local Development Through Sustained Disclosure and Dialogue on Aug 2-3 in Baguio City
											14 Presenter to the Annual Nationwide Roadshow re: Extracting Value in Transparency: A Forum on Promoting Local Development Through Sustained Disclosure and Dialogue on Aug 7-8 in Manila
											15 Presenter to the Annual Nationwide Roadshow re: Extracting Value in Transparency: A Forum on Promoting Local Development Through Sustained Disclosure and Dialogue on Aug 9-10 in Puerto Princesa
											16 Presenter to the Annual Nationwide Roadshow re: Extracting Value in Transparency: A Forum on Promoting Local Development Through Sustained Disclosure and Dialogue on Aug 14-15 in Davao City
											17 Presenter to the Annual Nationwide Roadshow re: Extracting Value in Transparency: A Forum on Promoting Local Development Through Sustained Disclosure and Dialogue on Aug 16-17 in Cebu City
											18 Presenter to the Annual Nationwide Roadshow re: Extracting Value in Transparency: A Forum on Promoting Local Development Through Sustained Disclosure and Dialogue on Aug 23-24 in Butuan City
		Press releases/ conferences/ media interviews conducted (no.)	7	63	84	6	64	86%	102%	76%	1 MGB personnel attend MIRECO Mine Reclamation program
											2 MGB joins JOGMEC Confab

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		This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	Annual	
										3 PH gears up for 1st ASEAN Mineral Awards 4 MGB Geologists undergo training on Coastal Geology and Sedimentology 5 MGB, DENR address complaints in Batangas 6 Timeline for PH nomination to the ASEAN mineral awards set 7 Metals output dips by 8% in 2016 8 DENR Special Order No. 2017-80 Re: Designation of Atty. Mary Kristie A. Baleva as OIC Assistant Secretary for Legal Affairs dated February 06, 2017 9 MGB advocates responsible mining at AdU 3rd AUMEGA Month 10 Feature: On celebrating retirement and welcoming new blood 11 Mining companies mobilize for Surigao quake victims 12 Senior Metallurgists earns Master's Degree in Australia 13 NBI given broader power as Environmental Officer 14 MGB presents advocacy programs on responsible mining 15 MGB Geologists hold 2017 Geoscience Workshop 16 MPP no longer required for Cement Manufacturers 17 Official Notice and Warning 18 MGBEA holds National Convention, Congress 19 Notes on DENR Special Order No. 2017-299 "Authorizing the DENR Regional Directors to directly issue orders and/or instructions to the Mines and Geosciences Bureau and Environmental Management Bureau Regional Directors 20 MGB honors another Retiree 21 Mines and Geosciences Bureau participated in People's Mining Forum 22 MGB digitizes legal information thru LegIS 23 Senior Engineers earn Master's Degree from DAP 24 Lopez: I am not anti-mining 25 Mining companies must conform to PH-EITI or lose ECC 26 MGB Geologists gear up for quadrangle geologic mapping project 27 Open-pit mining ban imminent; MOA signed with mining companies 28 MGB participates in Phil-WAVES Mission 29 New DENR Chief willing to "Study" and listen to all 30 Cimatu pushes to reserve misinformation about mining 31 Mining law to be strictly imposed; Zero tolerance for corruption pushed 32 Metallic Mineral Production Value grows by 5.10% in Q1 2017 on robust metal prices 33 MGB discloses all in support to PH-EITI 34 MGB attends APEC mine closure workshop 35 Notes on DENR Special Order No. 2017-299 "Authorizing the DENR Regional Directors to directly issue orders and/or instructions to the Mines and Geosciences Bureau and Environmental Management Bureau Regional Directors 36 MGB launches Central Database Portal 37 Clarifications on MGB Memorandum Circular No. 2017-02 38 DENR Memorandum Circular No. 2017-07

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										39 MGB joins in the celebration of Environment Month 40 Cimatu addresses pressing concerns in Palawan 41 MGB celebrates Philippine Independence 42 MGB Geologists get training on Hydrogeology 43 Jacinto: Bridge gap with LGUs, make projects beneficial to people 44 MGB to explore manganese nodules, sulfides and rare earths in Philippine Rise 45 MGB Chemists participate in the 32nd Philippine Chemistry Congress 46 MGB conducts Stakeholder's Forum 47 MGB always after welfare of mining communities 48 New MGB Director assumes post 49 MGB heightens info campaign at Kabisig Fair 50 PRRD wants processing, manufacturing of minerals done locally 51 Cimatu: strictly monitor, impose sanctions on erring mines 52 Strict Monitoring of Mining Operations, Impositions of Penalties/Sanctions on Violations and Immediate Remediation of Effects/Damages 53 MGB eyes transition to ISO 9001:2015 54 MGB shifts to new Alternative Dispute Resolution for mining cases 55 MGB intensifies mine monitoring in CARAGA Region 56 MGSD tunes up coastal geohazards assessment 57 Metallic Production Value Sustains Growth in H1 2017 58 MGB reaches out to Bugkalot Tribe in Nueva Vizcaya 59 Gov't sees long-term, stable Environmental Policies on Mineral Deposits 60 MGB produces new batch of Certified First Aiders 61 MGB, MIRDC, PCIEERD collaborate with European laboratories for Iron-making study 62 MGB streamlines requirements for Mining Applications 63 MGB Metallurgists participate in ASOMM Workshop 64 Foresters to carry shotguns soon?
	Capacity Building									
	a) for MGB Personnel	2	27	40	6	58	300%	215%	145%	
	b) for LGUs and Other Stakeholders	0	1	2	0	6		600%	300%	
										1 Resource Speaker in EDSOR Peace Congress at De La Salle University 2 Resource Speaker re: Responsible Mining and Climate Change Symposium at Adamson University 3 AUN Quality Assessment for BS Forestry Program at UPLB College of Forestry and Natural Resources 4 Resource Speaker re: Mga Usapin sa Yamang Mina: A Forum on Philippine Mining Policy Reforms at Ateneo de Manila University 5 Presenter re: People's Mining Forum at the University of the Philippines 6 Resource Person re: Forum/Dialogue with Mining Communities of Philex Mining Corp in Padcal, Benguet

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2	Generate Mineral Economics information/Publish and disseminate IEC materials	Statistics reports generated/ monitored/ validated (no.)	2	11	13	1	11	50%	100%	85%	1 Precipitation of Nickel, Cobalt, Iron and Other Associated Minerals from Leach Solution of Low-Grade Philippine Laterite Ores 2 Study on Nickel Pig Iron by Electric Arc Furnace 3 Verification of Mineral/Ore Reserve 4 Modernization/Upgrading of Stockpile Validation Technique 5 Research on the Cenozoic Stratigraphy of the Philippines 6 Ground Deformation Monitoring System 7 Study of Modern Technology Applications and/or Innovations in Operating Mines
		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	518	5,317	99%	114%	86%	
A.02.c	Research and Development										
1	Research Studies on Mineral Resources and Geosciences Development (MRGD) Programs	Research/studies conducted (no.)	6	6	9	7	7	117%	117%	78%	
		Reports prepared (no.)	0	9	16	1	4		44%	25%	
A.03	OPERATIONS										
	MFO 1 : MINERAL RESOURCE DEVELOPMENT SERVICES										
	Number of new mineral reservation areas assessed/endorsed for declaration				15						
	Percentage of identified mineral reservation area that is surveyed				100%						
	Percentage of stakeholders who rate the quality of MGB mineral reservation maps as good or better				90%						
	Percentage increase in the Peso value of royalty payments collected				10%						
	Percentage of Philippine territory surveyed (geological exploration)				10%						
A.03.a	Mineral Resources Service										
1	Communication Plan for Minerals Development										
	Conduct Awareness and Advocacy on Mineral Resources and Geosciences Development (MRGD)	LGUs and other stakeholders forum conducted (no.)	16	149	180	12	171	75%	115%	95%	
		Radio/TV Guestings attended (no.)	16	144	192	12	209	75%	145%	109%	
		Press Releases/Photo Releases/Feature Stories (no.)	16	144	192	20	216	125%	150%	113%	
	Generate Mineral Economics information/Publish and disseminate IEC materials	Statistics reports generated/ monitored/ validated (no.)	0	345	450	0	373		108%	83%	
		Website maintained (no.)	15	15	15	15	15	100%	100%	100%	
		Information materials generated/published/disseminated (no.)	255	1,476	2,135	63	2,865	25%	194%	134%	
	National Linkages	Linkages with NGAs/LGUs/stakeholders coordinated/participated (no.)	15	135	180	21	183	140%	136%	102%	
	Capacity Building Program on MRGD	LGUs/stakeholders training/workshops conducted (no.)	7	31	37	1	47	14%	152%	127%	
2	National 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	0	15	0	0			0%	

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	b. Research and Development / Special Projects	Research/Studies conducted/developed (no.)	1	1	1	1	1	100%	100%	100%	
	c. Mineral Reservation Program Administration	MGB Facilities/Equipment upgraded/maintained/enhanced (no.)	2	2	17	10	10	500%	500%	59%	
A.03.b	Geosciences Development Service										
1	Geohazard Assessment and Mapping										
	a. Vulnerability and Risk Assessment	LGUs assessed									
		City/Municipality (no.)	22	185	200	14	178	64%	96%	89%	1 Pantabangan, Nueva Ecija
											2 Cateel, Davao Oriental
											3 Lebak, Sultan Kudarat
											4 Bucay, Abra
											5 Lagayan, Abra
											6 Sta. Lucia, Ilocos Sur
											7 Narvacan, Ilocos Sur
											8 San Pablo, Isabela
											9 Cabagan, Isabela
											10 Tumauni, Isabela
											11 Sta. Maria, Isabela
											12 Laur, Nueva Ecija
											13 Rizal, Nueva Ecija
											14 San Andres, Quezon
											15 San Narciso, Quezon
											16 Puerto Galera, Oriental Mindoro
											17 San Teodoro, Oriental Mindoro
											18 Mercedes, Camarines Norte
											19 Matnog, Sorsogon
											20 Mina, Iloilo
											21 Batan, Aklan
											22 Sibonga, Cebu
											23 Zumarraga, W. Samar
											24 Kapalong, Davao del Norte
											25 Tampakan, So. Cotabato
											26 Las Nieves, Agusan del Norte
											27 Magallanes, Agusan del Norte
											28 La Trinidad, Benguet
											29 Rosales, Pangasinan
											30 Calauan, Laguna
											31 Pidigan, Abra
											32 Dolores, Abra
											33 Santiago, Ilocos Sur
											34 Sta. Cruz, Ilocos Sur
											35 Mahatao, Batanes
											36 Ivana, Batanes
											37 Uyugan, Batanes

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										38 Carranglan, Nueva Ecija 39 Pagsanjan, Laguna 40 Baco, Oriental Mindoro 41 Victoria, Oriental Mindoro 42 Jose Panganiban, Camarines Norte 43 Paracale, Camarines Norte 44 Banga, Aklan 45 Tigbauan, Iloilo 46 Clarin, Bohol 47 Leyte, Leyte 48 Inopacan, Leyte 49 Tagapul-an, W. Samar 50 Salug, Zamb. Del Norte 51 Rizal, Zamb. Del Norte 52 Kapatagan, Lanao del Norte 53 Santa Fe, Leyte 54 Pastrana, Leyte 55 San Isidro, Davao Oriental 56 Talaingod, Davao del Norte 57 Asuncion, Davao del Norte 58 Tupi, So. Cotabato 59 Alabel, Sarangani 60 Malungon, Sarangani 61 Sibagat, Agusan del Sur 62 Sta. Josefa, Agusan del Sur 63 Palanan, Isabela 64 Dinalungan, Aurora 65 Ligao, Albay 66 Oas, Albay 67 Belison, Antique 68 New Washington, Aklan 69 Guimbal, Iloilo 70 Calape, Bohol 71 San Isidro, Bohol 72 Matag-ob, Leyte 73 Villaba, Leyte 74 Leon Postigo, Zamboanga del Norte 75 San Miguel, Leyte 76 Lala, Lanao del Norte 77 Mambajao, Camiguin 78 Tunga, Leyte 79 Antipas, Cotabato 80 Pres. Roxas, Cotabato 81 Tago, Surigao del Sur 82 Paniqui, Tarlac 83 Mendez, Cavite 84 Dipaculao, Aurora

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										85 Dilasag, Aurora 86 Calauag, Quezon 87 Lopez, Quezon 88 Perez, Quezon 89 Sta. Cruz, Laguna 90 Torrijos, Marinduque 91 Sta. Cruz, Marinduque 92 Midsalip, Zamboanga del Sur 93 Barugo, Leyte 94 Alangalang, Leyte 95 Mahinog, Camiguin 96 Guinsiliban, Camiguin 97 Catarman, Camiguin 98 Sagay, Camiguin 99 Manay, Davao Oriental 100 Tarragona, Davao Oriental 101 San Miguel, Surigao del Sur 102 Irosin, Sorsogon 103 Cabatuan, Iloilo 104 Badianan, Iloilo 105 New Lucena, Iloilo 106 Agoo, La Union 107 Tagudin, Ilocos Sur 108 Itbayat, Batanes 109 Samal City, Davao del Norte 110 San Luis, Aurora 111 Tolosa, Leyte 112 Banisilan, Cotabato 113 Alamada, Cotabato 114 Bagumbayan, Sultan Kudarat 115 Sen. Ninoy Aquino, Sultan Kudarat 116 Pacay, Ilocos Norte 117 Currimao, Ilocos Norte 118 Gumaca, Quezon 119 Plaridel, Quezon 120 Roxas City, Capiz 121 Palompon, Leyte 122 Merida, Leyte 123 Isabel, Leyte 124 Maconacon, Isabela 125 Divilacan, Isabela 126 Sagbayan, Bohol 127 Catigbian, Bohol 128 Mawab, Compostela Valley 129 Mabini, Compostela Valley 130 Talisay City, Negros Occidental 131 Silay City, Negros Occidental

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										132 Libon, Albay 133 New Corella, Davao del Norte 134 Montevista, Compostela Valley 135 Polomolok, So. Cotabato 136 Casiguran, Aurora 137 Ma. Aurora, Aurora 138 Bauan, Batangas 139 Magsaysay, Occidental Mindoro 140 Rizal, Occidental Mindoro 141 Calintaan, Occidental Mindoro 142 Hindang, Leyte 143 Hilongos, Leyte 144 Josefina, Zamboanga del Sur 145 Mahayag, Zamboanga del Sur 146 Aguinaldo, Ifugao 147 Alfonso Lista, Ifugao 148 Talacogon, Agusan del Sur 149 San Luis, Agusan del Sur 150 Buenavista, Quezon 151 General Luna, Quezon 152 Dagami, Leyte 153 Sta. Cruz, Occidental Mindoro 154 Brooke's Point, Palawan 155 Sofronio Española, Palawan 156 Carmen, Bohol 157 Dagohoy, Bohol 158 Danao, Bohol 159 Pasuquin, Ilocos Norte 160 Bangui, Ilocos Norte 161 Besao, Mt. Province 162 Sagada, Mt. Province 163 Polangui, Albay 164 Boston, Davao Oriental 165 Santo Tomas, Davao del Norte 166 Sorsogon City, Sorsogon 167 Guinobatan, Albay 168 Loon, Bohol 169 Dao, Capiz 170 Sarangani, Davao Occidental 171 Abra de Ilog, Occidental Mindoro 172 Conner, Apayao 173 Pudtol, Apayao 174 Bonifacio, Misamis Occidental 175 San Miguel, Bohol 176 Bunawan, Agusan del Sur 177 Rosario, Agusan del Sur 178 San Jose, Dinagat Island

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b. Updating of 1:10,000 scale Geohazards Maps (as a result of changes due to natural calamities)	LGUs assessed									
	City/Municipality (no.)	1	19	20	2	21	200%	111%	105%	1 Pantabangan, Nueva Ecija
										2 Lebak, Sultan Kudarat
										3 San Pablo, Isabela
										4 Cabagan, Isabela
										5 San Teodoro, Oriental Mindoro
										6 Matnog, Sorsogon
										7 Mina, Iloilo
										8 Zumarraga, W. Samar
										9 Pagsanjan, Laguna
										10 Sibonga, Cebu
										11 Kapatagan, Lanao del Norte
										12 San Isidro, Davao Oriental
										13 Sagada, Mountain Province
										14 Taguig City, Metro Manila
										15 Pasig City, Metro Manila
										16 Muntinlupa City, Metro Manila
										17 Agoo, La Union
										18 Midsalip, Zamboanga del Sur
										19 San Miguel, Surigao del Sur
										20 Quezon City, Metro Manila
										21 Caloocan City, Metro Manila
c. Detailed Sub-surface Assessment	LGUs assessed									
	City/Municipality (no.)	2	13	15	3	14	150%	108%	93%	1 Candijay, Bohol
										2 Ipil, Zamboanga Sibugay
										3 Cebu City, Cebu
										4 Talibon, Bohol
										5 Pilar, Cebu
										6 Maasim, Sarangani
										7 San Carlos City, Negros Occidental
										8 Alaminos City, Pangasinan
										9 Lal-lo, Cagayan
										10 Jordan, Guimaras
										11 La Trinidad, Benguet
										12 Candelaria, Zambales
										13 Santa Cruz, Marinduque
										14 Opol, Misamis Oriental
d. Intensive IEC Campaign (IEC Campaign on Geohazard and VRA Maps)	Consultation/Workshops for Barangay Captains & Officials conducted (no.)	763	12,033	12,979	524	8,387	69%	70%	65%	- Due to scheduling concerns with LGUs
e. Printing of 1:10,000 scale maps	Map sheets printed/produced (no.)	0	0	37,600	375	8,401			22%	

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Coastal Geohazard and Impact of Climate Change	LGUs assessed									1 Boston, Davao Oriental
	City/Municipality (no.)	35	243	263	49	221	140%	91%	84%	2 Cateel, Davao Oriental
										3 Baganga, Davao Oriental
										4 San Andres, Quezon
										5 San Narciso, Quezon
										6 San Pascual, Masbate
										7 Aroroy, Masbate
										8 Mandaon, Masbate
										9 Claveria, Masbate
										10 San Isidro, Davao Oriental
										11 Barobo, Surigao del Sur
										12 Lingig, Surigao del Sur
										13 Patnongon, Antique
										14 Bugasong, Antique
										15 Lauan, Antique
										16 Libertad, Antique
										17 Pandan, Antique
										18 Sebaste, Antique
										19 Mahatao, Batanes
										20 Uyungan, Batanes
										21 Ivana, Batanes
										22 Basco, Batanes
										23 Sabtang, Batanes
										24 Catanauan, Quezon
										25 Mulanay, Quezon
										26 Nueva Valencia, Guimaras
										27 Jordan, Guimaras
										28 Buenavista, Guimaras
										29 San Lorenzo, Guimaras
										30 Sibunag, Guimaras
										31 Caraga, Davao Oriental
										32 Tarragona, Davao Oriental
										33 Manay, Davao Oriental
										34 Bislig City, Surigao del Sur
										35 Hinatuan, Surigao del Sur
										36 Barbaza, Antique
										37 Caluya, Antique
										38 Culasi, Antique
										39 Tibiao, Antique
										40 Agdangan, Quezon
										41 Lucena City, Quezon
										42 Padre Burgos, Quezon
										43 Pagbilao, Quezon
										44 Pitogo, Quezon
										45 Sariaya, Quezon
										46 Unisan, Quezon

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										47 Palanan, Isabela 48 Iloilo City, Iloilo 49 Gov. Generoso, Davao Oriental 50 Anini-Y, Antique 51 Tobias Fornier, Antique 52 Sagñay, Camarines Sur 53 Tigaon, Camarines Sur 54 San Jose, Camarines Sur 55 Presentacion, Camarines Sur 56 Libmanan, Camarines Sur 57 San Fernando, Camarines Sur 58 Pasacao, Camarines Sur 59 Minalabac, Camarines Sur 60 Bula, Camarines Sur 61 Balatan, Camarines Sur 62 Calauag, Quezon 63 Lopez, Quezon 64 Perez, Quezon 65 Bacolod City, Negros Occidental 66 Hinigaran, Negros Occidental 67 Talisay City, Negros Occidental 68 Tagana-An, Surigao del Norte 69 Placer, Surigao del Norte 70 Bacuag, Surigao del Norte 71 Caramoan, Camarines Sur 72 Batan, Aklan 73 Buruanga, Aklan 74 Ibajay, Aklan 75 Kalibo, Aklan 76 Makato, Aklan 77 Malay, Aklan 78 Nabas, Aklan 79 New Washington, Aklan 80 Numancia, Aklan 81 Tangalan, Aklan 82 Belison, Antique 83 Hamtic, Antique 84 San Jose, Antique 85 San Luis, Aurora 86 Baler, Aurora 87 Dinalungan, Aurora 88 Dipaculao, Aurora 89 San Jacinto, Masbate 90 San Fernando, Masbate 91 Monreal, Masbate 92 Batuan, Masbate 93 Gumaca, Quezon

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										94 Plaridel, Quezon 95 Sta. Elena, Camarines Norte 96 Capalonga, Camarines Norte 97 Daet, Camarines Norte 98 Jose Panganiban, Camarines Norte 99 Paracale, Camarines Norte 100 Basud, Camarines Norte 101 Mercedes, Camarines Norte 102 Vinzons, Camarines Norte 103 Talisay, Camarines Norte 104 Del Gallego, Camarines Sur 105 Ragay, Camarines Sur 106 Lupi, Camarines Sur 107 Sipocot, Camarines Sur 108 Gigaquit, Surigao del Norte 109 Claver, Surigao del Norte 110 Carrascal, Surigao del Sur 111 Del Carman, Surigao del Norte 112 Socorro, , Surigao del Norte 113 Sta. Teresita, Cagayan 114 Sanchez-Mira, Cagayan 115 Pamplona, Cagayan 116 Gonzaga, Cagayan 117 Silay, Negros Occidental 118 E.B. Magalona, Negros Occidental 119 Victorias, Negros Occidental 120 Magsaysay, Misamis Oriental 121 Digos, Davao del Sur 122 Sta. Cruz, Davao del Sur 123 Bago City, Negros Occidental 124 Pulupandan, Negros Occidental 125 Valladolid, Negros Occidental 126 San Enrique, Negros Occidental 127 Pontevedra, Negros Occidental 128 Mati City, Davao Oriental 129 Itbayat, Batanes 130 Casiguran, Aurora 131 Dilasag, Aurora 132 Dingalan, Aurora 133 Bauan, Batangas 134 Bato, Camarines Sur 135 Lagonoy, Camarines Sur 136 Garchitorena, Camarines Sur 137 Siruma, Camarines Sur 138 Tinambac, Camarines Sur 139 Calabanga, Camarines Sur 140 Cabusao, Camarines Sur

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		This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	Annual	
										141 Cadiz, Negros Oriental 142 Manapla, Negros Oriental 143 Dinagat, Dinagat Island 144 Cagdianao, Dinagat Island 145 Bagamanoc, Catanduanes 146 Caramoran, Catanduanes 147 Pandan, Catanduanes 148 San Andres, Catanduanes 149 Bacacay, Albay 150 Malilipot, Albay 151 Rapu-Rapu, Albay 152 Donsol, Sorsogon 153 Sorsogon City, Sorsogon 154 Buenavista, Quezon 155 General Luna, Quezon 156 Sta. Ana, Cagayan 157 Loreto, Dinagat Island 158 Tubajon, Dinagat Island 159 Escalante City, Negros Occidental 160 Sagay City, Negros Occidental 161 Toboso, Negros Occidental 162 Tiwi, Albay 163 Malinao, Albay 164 Legazpi City, Albay 165 Lupon, Davao Oriental 166 Cantilan, Surigao del Sur 167 Lanuza, Surigao del Sur 168 Madrid, Surigao del Sur 169 Bayabas, Surigao del Sur 170 Cagwait, Surigao del Sur 171 Marihatag, Surigao del Sur 172 San Agustin, Surigao del Sur 173 Virac, Catanduanes 174 Bato, Catanduanes 175 Baras, Catanduanes 176 Gigmoto, Catanduanes 177 Viga, Catanduanes 178 Panganiban, Catanduanes 179 Juban, Sorsogon 180 Prieto Diaz, Sorsogon 181 Castilla, Sorsogon 182 Casiguran, Sorsogon 183 Carles, Iloilo 184 Batad, Iloilo 185 Balasan, Iloilo 186 Estancia, Iloilo 187 Baleno, Masbate

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2	Geologic Mapping										188 Masbate City, Masbate 189 Uson, Masbate 190 Malimono, Surigao del Norte 191 San Francisco, Surigao del Norte 192 Surigao City, Surigao del Norte 193 Balud, Masbate 194 Milagros, Masbate 195 Cawayan, Masbate 196 Placer, Masbate 197 Esperanza, Masbate 198 Baggao, Cagayan 199 Peñaflanca, Cagayan 200 Tandag, Surigao del Sur 201 Cortes, Surigao del Sur 202 Tago, Surigao del Sur 203 Barotac Nuevo, Iloilo 204 Sapián, Capiz 205 Ivisan, Capiz 206 Roxas City, Capiz 207 Calatrava, Negros Occidental 208 San Carlos City, Negros Occidental 209 Sarangani, Davao Occidental 210 Santo Domingo, Albay 211 Tabaco, Albay 212 Coron, Palawan 213 Culion, Palawan 214 Busuanga, Palawan 215 Jabonga, Agusan del Norte 216 Tubay, Agusan del Norte 217 Magallanes, Agusan del Norte 218 Cabadbaran City, Agusan del Norte 219 Butuan City, Agusan del Norte 220 Libjo, Dinagat Island 221 San Jose, Dinagat Island - Conflict of schedule with other Geohazard Activities
	Geologic Quadrangle Mapping and Surveys	Quadrangle maps (no.)	1	100	100	4	86	400%	86%	86%	1 Real 3363-IV 2 Limbones Island 3162-IV 3 Silang 3162-I 4 Calamba 3262-IV 5 Infanta 3364-III 6 Atimonan 3329-II 7 Balud 3656-III 8 Canomoy 3656-II 9 Naro 3755-IV 10 Palanas 3756-II

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		This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	Annual	
										11 Placer 3755-I 12 Donsol 3758-IV 13 Sagnay 3760-IV 14 Gigmoto 3861-II 15 Hitoma 3861-III 16 Castilla 3758-I 17 Sta. Ines 3264-II 18 Baras 3263-I 19 San Pascual 3559-II 20 Tagkawayan 3561-IV 21 Aurora 3560-III 22 Bagacay 3759-I 23 Guindahap 3758-III 24 Alabat 3462-III 25 Mt. Isarog 3660-I 26 Naga City 3660-IV 27 Claveria 3658-IV 28 Batuanan 3662-II 29 Tinambac 3661-I 30 Libmanan 3662-III 31 Peñafrancia 3658-II 32 Perez 3362-I 33 San Antonio 3363-III 34 Siniloan 3263-II 35 Montalban 3264-III 36 Catanauan 3460-I 37 Jomalig Island 3464-II 38 Canicanian 3464-III 39 Ligao 3759-IV 40 Polangui 3659-I 41 Batangas 3261-III 42 San Juan 3261-II 43 Paracale 3562-I 44 Jose Panganiban 3562-IV 45 Tambang Point 3660-I 46 Umiray River 3264-I 47 Cavite 3163-II 48 Aroroy 3657-I 49 Iriga 3660-II 50 Sibono 3660-III 51 Tinalmod 3560-I 52 Villazar 3561-I 53 Sipocot 3561-II 54 San Jacinto 3757-IV 55 Gubat 3826-IV 56 Caramoan 3761-II 57 Palasan Island 3464-IV

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			This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual	
3	Laboratory Services	Determinations Made (no.)	53,290	474,914	623,072	90,769	581,302	170%	122%	93%	58 Legaspi City 3759-III 59 Garchitorena 3761-IV 60 Mauban 3362-IV 61 Daet 3562-II 62 Mandao 3661-IV 63 Bayabas 3662-III 64 Buenavista 3461-II 65 Burdeos 3364-I 66 Polilio 3364-II 67 Tiniguiban 3462-IV 68 Pangasinan 3659-II 69 Marito 3759-II 70 Lagonoy 3761-III 71 Matnog 3857-IV 72 Butag 3757-I 73 Irosin 3858-III 74 Bulan 3758-II 75 Bagamanoc 3861-I 76 Pandan 3862-III 77 Caramoran 3861-IV 78 Gumaca 3461-IV 79 Macalelon 3461-III 80 Rapu-Rapu 3859-IV 81 San Miguel 3760-II 82 Calolbon 3860-IV 83 Mandaon 3656-I 84 Baleno 3657-II 85 Uson 3756-I 86 Lopez 3461-I - Due to problems in the transfer of Funds from MGB Region 5 to MGB Regions 9 and 12
	Groundwater Resource Assessment	LGU's assessed Province (no.)	5	30	34	7	21	140%	70%	62%	1 Bohol 2 Bataan 3 Sarangani 4 Eastern Samar 5 Benguet 6 Zamboanga del Norte 7 Camiguin 8 Pampanga 9 Ilocos Sur 10 Batanes 11 Laguna 12 Occidental Mindoro

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			This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual	
											13 Catanduanes 14 Davao Oriental 15 Bulacan 16 Aklan 17 Iloilo 18 Cebu 19 Misamis Oriental 20 Ifugao 21 Agusan del Norte
A.03.c	MFO 2 : MINING REGULATION SERVICES										
	Mineral Lands Administration										
	PI 1 Permit Issuance										
	<i>Number of mining permits/contracts and other mining-related permits/documents approved/endorsed for approval</i>		236	1,889	2,245	715	4,561				
	<i>Percentage of mining permits/contracts and other mining-related permits/documents approved/endorsed for approval within 4 months from filing of application</i>		90%	90%	90%	100.00%	99.61%				
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/SAGP/SSMP/MPP/MOEP)	69	498	566	139	850	201%	171%	150%	
		b) Other mining related permits	167	1,391	1,679	576	3,711	345%	267%	221%	
	<i>Measures to improve Small-Scale Mining per EO No. 79</i>										
	Development of Small-scale Mining	P/CMRB operationalized/reconstituted (no.)	83	83	83	84	84	101%	101%	101%	
		Declaration of Minahang Bayan (Proposed MB sites endorsed) (no.)	2	3	15	0	1	0%	33%	7%	
		Inventory (no.)	8	63	72	4	62	50%	98%	86%	
		Technical Assistance (SSMiners/LGUs trained) (no.)	7	25	30	5	24	71%	96%	80%	
	PI 2 Monitoring										
	<i>Number of mining permits/contracts monitored and/or inspected with reports issued</i>		85	764	860	97	827				
	<i>Percentage of mining permits/contracts with 1 or more violations over the last 3 years</i>		10%	10%	10%	0.00%	0.85%				
	<i>Percentage of mining permits/contracts that have been inspected more than twice in the last 2 years</i>		100%	100%	100%	100.00%	100.00%				
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	52	392	440	54	416	104%	106%	95%	
	<i>Full Enforcement of Environmental Standards in Mining Operations pursuant to EO No. 79</i>	b) Safety, Health, Environment and Social Programs	33	372	420	43	411	130%	110%	98%	

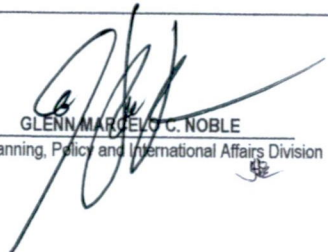
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Full Enforcement of Environmental Standards in Mining Operations pursuant to EO No. 79 Mine Rehabilitation Program a. Bagacay Mine area b. Other Abandoned/Inactive/Closed Mines c. Marcopper		Permit areas/projects audited (no.)									- No maintenance activity conducted due to unavailability of gatepass to be issued by PMO - MOA between MGB and PMO is still for evaluation/comments of PMO Legal Division - On-going replacement of 20 cubic meter of Limestone Rock and Ore/Waste Stockpile Dams - The request for the issuance of gatepass for the rehabilitation activities is still at the Office of the PMO, hence no land preparation and planting activities conducted. All rehabilitation activities will resume upon approval/signing of MOA/issuance of provisional gatepass. - Seedlings and nursery maintenance activity is being conducted by hired laborers of ERDB. 1 Vulcan Industrial Mining Corp. (Mar 6-11, 2017) 2 Hercules Mines (Mar 12-17, 2017) 3 Romblon Marble Mining (Mar 15-20, 2017) 4 Benguet Consolidated Inc. (Mar 21-28, 2017) 5 East Environ, Inc. (June 27-July 1, 2017) 6 Zambales Base Metals (Sept 16-19, 2017) - Black Mountain Inc. - Palawan Quicksilver Mines, Inc.
		a) Work Program	18	57	62	19	77	106%	135%	124%	
		b) Safety, Health, Environment and Social Programs	0	25	25	0	52		208%	208%	
		Multi-Partite Monitoring Team (MMT) operationalized (no.)	153	153	156	164	164	107%	107%	105%	
		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.) (Limestone Rock Dam enhancement, diversion channel/pipeline construction, Slope stabilization, etc.)	0	2	2	2	2		100%	100%	
		Revegetation/Reforestation of Bagacay Mine Area conducted (ha.)	10	30	30	0	0	0%	0%	0%	
		Reconnaissance Survey of Abandoned/Inactive Closed Mine Sites (no.)	1	5	5	1	6	100%	120%	120%	
		Risk Assessment of Abandoned/inactive mining areas/sites conducted (no.) (Mine Environmental Management Plan prepared)	0	0	1	0	0			0%	
		Implementation of Mine Environmental Management Plan (no.)	0	2	2	0	2		100%	100%	
		Mine Environmental Mgt. Plan prepared/implemented (no.)	0	0	1	0	0			0%	
PI 3 Enforcement											
		Number of violations or complaints acted upon with reports issued	24	133	177	19	218				
		Percentage of submitted reports that resulted in the issuance of notice of violations and penalties imposed	10%	10%	10%	0.00%	11.88%				
		Percentage of complaints or detected violations that are acted upon earlier than the prescribed period	90%	90%	90%	100.00%	96.04%				

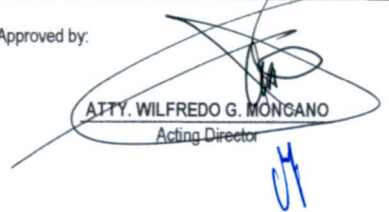
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3 Resolution of Complaints/Cases/Conflicts Addressing Illegal Mining Operations per EO No. 79 Anti-Illegal Mining	Complaints/Cases/conflicts investigated/resolved (no.)									- MAB Special Order for reconstitution due to the Appointment of the new DENR Secretary
	a) MGB	20	127	155	14	211	70%	166%	136%	
	b) Panel of Arbitrators (PAs)	6	16	33	5	16	83%	100%	48%	
	Mines Adjudication Board resolved/deliberated (no.)	1	9	12	0	0	0%	0%	0%	
	Illegal Mining Sites with Cease and Desist Order (CDO) issued/implemented (no.)	10	45	60	6	67	60%	149%	112%	
	Complaints/Charges filed with the Provincial Prosecutors Office (no.)	13	41	60	5	28	38%	68%	47%	

Prepared by:


GLENN MARCELO C. NOBLE
 Chief, Planning, Policy and International Affairs Division

Approved by:


ATTY. WILFREDO G. MONGANO
 Acting Director