

**CY 2022 PHYSICAL ACCOMPLISHMENT REPORT**  
**Mines and Geosciences Bureau**  
**June 30, 2022**

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	
1000000000000000	<b>GENERAL ADMINISTRATION AND SUPPORT</b>									
100000100001000	General Management and Supervision									
1	Administrative	Program Implementation Report (no.)	1	6	12	1	6	100%	100%	50%
2	Financial Management Services	Program Implementation Report (no.)	1	6	12	1	6	100%	100%	50%
100000100002000	Human Resource Development									
1	Human Resource Development Service									
	a. Program Monitoring and Evaluation	Program Implementation Report (no.)	1	6	12	1	6	100%	100%	50%
	b. Training and Career Development Program	Learning Events conducted (no.)	0	5	8	0	4	-	80%	50%
	c. Local Scholarship Program	Scholars monitored and managed (no.)	10	10	10	1	1	10%	10%	10%
2000000000000000	<b>SUPPORT TO OPERATIONS</b>									
200000100001000	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	1	3	1	1	-	100%	33%
		Program implemented/monitored (no.)	1	6	12	1	6	100%	100%	50%
2	Formulate, review/revise, develop and implement mineral policies and guidelines	Policies/Guidelines reviewed/endorsed to DENR (no.)	1	5	12	2	5	200%	100%	42%
3	Coordinate with National and International Linkages	Linkages with NGAs/LGUs/stakeholders/International Organizations coordinated/participated (no.)	13	22	34	14	75	108%	341%	221%
4	Conduct investigation, provide legal assistance and resolve mine related cases	Hearings attended/Court Appearance (no.)	1	1	2	0	0	0%	0%	0%
		Investigation assisted (no.)	1	1	2	2	2	200%	200%	100%
200000100002000	Mineral Economics, Information and Publication									
1	Conduct Awareness and Advocacy on Mineral Resources and Geosciences Development (MRGD)	IEC conducted/organized/participated (no.)	1	8	14	1	10	100%	125%	71%
		Press releases/ conferences/ media interviews conducted (no.)	7	42	84	4	38	57%	90%	45%
		Training/workshop/seminar conducted/attended/organized/coordinated (no.)	6	16	59	4	21	67%	131%	36%
2	Generate Mineral Economics information/Publish and disseminate IEC materials	Statistics reports generated/ monitored/ validated (no.)	2	7	13	1	7	50%	100%	54%
		Strategic Mineral Information Systems managed/developed/maintained (no.)	8	8	8	8	8	100%	100%	100%
		Information materials generated/published/disseminated (no.)	527	3,087	6,212	527	3,098	100%	100%	50%

1 Orientation on the Preparation for Procurement of Goods and Services, Consulting Services and Infrastructure Projects  
2 Orientation on the Performance Management and Coaching  
3 Orientation on the Awards System of Safety Driving Behavior  
4 Emotional Intelligence and Leadership Seminar

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		This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual		
200000100003000	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%	<ol style="list-style-type: none"> <li>1 Extraction of Vanadium from Philippine Iron Ores</li> <li>2 Recovery of Nickel, Cobalt, Iron and Rare Earth Elements from Low Grade Philippine Laterite Ores Using Atmospheric Leaching with Reduction Pre-treatment</li> <li>3 Technical Study on the Use of Blended Laterite Iron Sand as Feeds Material for Shaft Furnace Ironmaking Technology</li> <li>4 Recovery of Scandium from Laterite-based Pig Iron Slag by Dry Digestion and Precipitation Methods</li> <li>5 PhilKARST 1 – Climate-responsive Karst Management for Sustainable Tourism in the Philippines</li> <li>6 PhilKARST 2 – Integrated Characterization, Quantitative Assessment, and Statistical Modelling for Geologic Hazards in Karst Landscapes in the Philippines: Input to Management Plans for Sustainable Tourism</li> <li>7 Research on the Cenozoic Stratigraphy of the Philippines</li> </ol>
300000000000000	<b>OPERATIONS</b>										
310000000000000	OO1: 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			10%			-	-		0%	
OUTCOME INDICATOR 2											
	Percentage of monitored mining permits/contracts complying with laws, rules and regulations			75%			-	-		0%	
OUTPUT INDICATOR 1											
	Mining applications (including other mining rights related applications) approved/denied/endorsed within the prescribed period		400	1,696	3,764	472	2,243	118%	132%	60%	
OUTPUT INDICATOR 2											
	Number of mining permits/contracts monitored										
310100000000000	Program 1: Mineral Resources Enforcement and Regulatory Program										
310100100001000	Mineral Regulation Services										
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 (EP/ ISAGP/MPP)		15	32	135	8	33	53%	103%	24%	
	b. Other mining related permits		385	1,664	3,624	470	2,241	122%	135%	62%	
	c. Declaration of Mining Project Feasibility (DMPF) acted upon (no.)		0	0	5	0	0	-	-	0%	
	Use It or Lose It Policy	Mining Applications with Final Action (no.)	26	75	229	47	114	181%	152%	50%	
	Development of Small-Scale Mining - Assistance to Provincial/City Mining Regulatory Board (P/CMRB)/LGUs/Other Stakeholders	Inventory of Small-Scale Mining (SSM) Sites and Quarry/Sand and Gravel (SAG) Permit (no.)	13	40	89	8	43	62%	108%	48%	
		Declared Minahang Bayan sites monitored (no.)	6	19	44	7	26	117%	137%	59%	
		Potential Minahang Bayan sites assessed (no.)	4	6	15	2	7	50%	117%	47%	<ol style="list-style-type: none"> <li>1 Brgy. Langkub, Libertad, Misamis Oriental</li> <li>2 Sitio Matanday, Brgy. Sta Barbara, Iba, Zambales</li> <li>3 Brgy. Fatima, Liloan, Southern Leyte</li> <li>4 Sipalay City, Negros Occidental</li> <li>5 Sibulad, Zamboanga del Norte</li> <li>6 Brgy. Calititan, Umingan, Pangasinan</li> <li>7 T'boli, South Cotabato</li> </ol>
		Proposed Minahang Bayan sites endorsed to DENR through MGBCO (no.)	0	1	12	0	4	-	400%	33%	<ol style="list-style-type: none"> <li>1 PSSM of Albor Small Scale Mining Cooperative located in Brgy. Gen. Aguinaldo, Libjo, Dinagat Island</li> <li>2 SUSSMICO Don Perfecto, Roseller Lim, Zamboanga Sibugay</li> </ol>



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		This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual				
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	Declared Minahang Bayan (MB) - PDP Target (no.)	0	0	5	0	4	-	-	80%	3 Badvat Indigenous Minahang Bayan Association in Conner, Apayao 4 Laylaya Cultural Community at Laylaya, Besao Mt. Province.		
		P/CMRBs maintained/operationalized/reconstituted (no.)	90	90	90	89	89	99%	99%	99%	1 Guina-ang Tribe Indigenous People Community (GTIPC), Pail, Kalinga 2 Declared MB of Mr. Reynaldo Bugnay located in Conner Apayao 3 Declared MB of Mr. Roman Austudillo located in Eva Garden, Calanasan, Apayao 4 PMRB Sultan Kudarat declared MB area of Dulaijan Nor in Bai Saripinang, Bagumbayan, Sultan Kudarat		
		P/CMRB Meetings conducted/ participated (no.)	40	184	364	43	196	108%	107%	54%			
		Mining Rights monitored (no.) as to compliance with:											
		a. Work Program/Terms and Conditions/Requirements	51	356	613	60	407	118%	114%	66%			
		b. Safety, Health, Environment and Social Development (SHES) Programs	51	356	613	53	409	104%	115%	67%			
		Mining Rights audited (no.) as to compliance with:											
		a. Work Program/Terms and Conditions/Requirements											
		Regional Office system audited for W/P (no.)	2	6	15	0	0	0%	0%	0%			
		MPP Compliance audited (no.)	0	1	20	0	24	-	2400%	120%			
		b. Safety, Health, Environment and Social Development (SHES) Programs											
		Regional Office system audited for SHES (no.)	2	10	15	3	8	150%	80%	53%			
		Monitoring Report on Mining Forest Program (MFP) submitted (no.)	3	15	30	3	16	100%	107%	53%			
		Strengthen Multi-partite Monitoring System	Multi-partite Monitoring Teams (MMT) of mining projects (with permits issued by MGB) operationalized (no.)	234	234	234	249	249	106%	106%	106%		
		Review of the Performance of Existing Mining Operation	Mining contracts/ permits reviewed /cancelled /endorsed for cancellation (no.)	58	350	646	65	395	112%	113%	61%		
		3	Mine Rehabilitation Program  a. Palawan Quicksilver Mines, Inc. (PQMI)	Project Supervision and Monitoring Conducted (no.)	0	1	2	1	1	-	100%	50%	
				Studies conducted (no.)	0	2	2	0	0	-	0%	0%	
				IEC and Institutional Mechanism (ERDB)	5	5	11	0	0	0%	0%	0%	
				Audit of the implementation of interim rehabilitation measures (no.)	1	2	4	0	0	0%	0%	0%	
				Monitoring of the implementation of interim rehabilitation measures (no.)	1	2	4	1	1	100%	50%	25%	
b. Other Abandoned/Inactive/Closed Mines	Other Abandoned Mines monitored (no.)			5	5	10	0	0	0%	0%	0%		
c. Marcopper	Monitoring reports submitted (no.)			1	1	2	1	1	100%	100%	50%		
4	Resolution of Complaints/Cases/Conflicts  a. Complaints/cases/conflicts investigated/resolved			MGB	20	80	155	27	131	135%	164%	85%	
				Panel of Arbitrators Panel Decided	1	1	17	2	2	200%	200%	12%	

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b. Assistance to PENRO/CENRO by embedded personnel	Panel Resolve	0	0	10	0	0	-	-	0%	
	Quarterly Accomplishment/Inventory Report of the Panel of Arbitrators	11	30	60	10	30	91%	100%	50%	
	Preliminary Investigation conducted with report submitted to RD (no.)	21	97	204	40	136	190%	140%	67%	
	Mines Adjudication Board									
	Mines Adjudication Board Cases deliberated (no.)	1	6	12	0	0	0%	0%	0%	
	Mines Adjudication Board Cases decided-Original Appeal (no.)	1	2	6	0	0	0%	0%	0%	
	Mines Adjudication Board Case Resolved - Motions (no.)	3	3	3	0	0	0%	0%	0%	
	Anti-Illegal Mining Campaign									
	Illegal Mining Sites with Cease and Desist Order (CDO) issued/implemented (no.)	12	28	68	5	59	42%	211%	87%	
	Confiscation/Release order issued (no.)	1	2	14	2	4	200%	200%	29%	
Complaints/Charges filed with the Provincial Prosecutors Office (no.)	2	4	26	0	4	0%	100%	15%		
31020000000000	OO1: 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	1	3	12	2	3	200%	100%	25%	
OUTPUT INDICATOR 1										
	Percentage of Total Philippine area surveyed for geology and mineral potential	0.60%	3.40%	5.40%	1.10%	3.50%	183%	103%	65%	
OUTPUT INDICATOR 2										
	Number of new mineral reservation areas assessed/endorsed for declaration	1	2	8	2	3	200%	150%	38%	
310200100001000	Program 2: Mineral Resources and Geosciences Development									
1	Communication Plan For Mineral Resources and Geoscience									
	Conduct of Awareness and Advocacy on Mineral Resources and Geosciences Development (MRGD)	Dialogue with Sangguniang Panlalawigan/ Bayan/ Panlungsod/Barangay/ other groups (Religious groups, CSO, academe, etc.)	12	37	68	6	52	50%	141%	76%
		Radio/TV Guestings (no.)	11	33	66	12	63	109%	191%	95%
		Press Releases/Photo Releases/Feature Stories (no.)	30	180	360	45	226	150%	126%	63%
		Infographic for Regional Mineral Profile	0	15	15	0	14	-	93%	93%
		Infographic for Provincial Mineral Profile	0	76	76	0	71	-	93%	93%
	Generate/Publish/Disseminate Information, Education and Communication (IEC) Materials	Website and Social media (Facebook/Youtube/Twitter/Instagram) maintained/monitored (no.)	30	30	30	31	31	103%	103%	103%
		Articles Posted in website and social media (no.)	30	180	360	63	260	210%	144%	72%
		IEC materials/collaterals (caps, t-shirts, masks, etc.) produced/reproduced/distributed (including climate change) (no.)	1,775	3,725	7,500	1,558	6,139	88%	165%	82%
		Statistics reports submitted to MGBCO (no.)	0	270	480	0	269	-	100%	56%
		Maps/Map Info Database submitted to MGBCO (no.)	30	180	360	28	174	93%	97%	48%
		MRGD reports submitted to MGBCO (no.)	30	270	525	30	262	100%	97%	50%
	Capacity Building Program on MRGD Laws, Rules and Regulations	Trainings conducted/coordinated/participated on (no.)								
		a. MGB Personnel	20	29	63	15	37	75%	128%	59%
		a.1. Participants to workshops, seminars, trainings, and webinars related to Mineral Economics, Mineral Statistics and Website conducted/coordinated by the MGB CO (no.)	45	45	45	0	0	0%	0%	0%
		b. LGUs and Other Stakeholders	3	10	25	5	27	167%	270%	108%
		c. Small Scale Miners	5	12	30	2	18	40%	150%	60%
	National and International Linkages	Linkages coordinated (no.)	15	90	180	21	97	140%	108%	54%
2	National Mineral Reservation Program									
	Upgrading and Development of Existing Mineral Reservation Areas	Existing Mineral Reservation areas monitored and upgraded (no.)	0	1	8	0	1	-	100%	13%
										1 Zambales Chromite Mineral Reservation (Parcel II)



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		This Mo.	To Date	Annual	This Mo.	To Date	% This	% To	%		
							Mo.	Date	Annual		
3	Establishment of New Mineral Reservations	New mineral reservation areas assessed/endorsed for declaration (no.)	1	2	8	2	3	200%	150%	38%	1 Semi-detailed geologic mapping and geo chemical sampling in Balamban, Cebu 2 Dinapigue, Isabela 3 Municipalities of San Remigio, Sibalom, Patnongon, and
	Research and Development/Special Projects	Areas assessed and studied for REE (no.)	0	0	2	0	0	-	-	0%	
	Mineral Assessment of River Systems	Major river systems assessed (line km.)	0	20	80	17	46	-	229%	57%	1 Bosigon River and its major tributaries in Labo, Camarines Norte (9 line-kms) 2 Maug River, Agusan del Sur (20 line-kms) 3 Bagongbong River, Ormoc City, Leyte (3.84 line-kms) 4 Tiblawan River, Davao Oriental (5 line-kms) 5 Santo Tomas River (8 line-kms)
	Advance Exploration	Areas assessed (no.)	0	1	2	1	1	-	100%	50%	1 Sta Ines
		Areas assessed for critical/strategic minerals (hectares)	0	0	2	0	0	-	-	0%	
	Geologic Mapping										
	Geological Mapping and Surveys - Quadrangle Mapping	Quadrangles surveyed (no.)	6	34	54	11	35	183%	103%	65%	1 Danac (3172-II) 2 Bagolibud Point (3442-I) 3 Caburan (4137-IV) 4 Cullion (3055 IV) 5 Baldat (2955 I) 6 Siaton (3547-II) 7 Taft (4055-I) 8 Diwait Point (3645-III) 9 Burias (4037-II) 10 Lingig (4244-II) 11 Artuz (3453-I) 12 Sulat (4055-II) 13 Sabaki (4242-III) 14 Lun Grande (4038-II) 15 Mankayan Quad (3170-I) 16 Calayan Island Quad (3278-II) 17 Alicia Quad (3542-I) 18 Kibawe Quad (3942-I) 19 Kitaotao Quad (4042-IV) 20 Tabayon Quad (4137-III) 21 Tango Quad (4037-IV) 22 Bislig Quad (4244-I) 23 Calamba Quad (3745-IV) 24 Mount Ampiro Quad (3745-III) 25 Dalupri Island Quad (3277-II) 26 San Dionisio Quad (3378-I) 27 Halsey Harbor Quad (2955-II) 28 Calumbagan Quad (3055-III) 29 Lawaan Quad (4055-IV) 30 Siocan Quad (3443-III) 31 Kabayawa Quad (4039-II) 32 Malungun Quad (4038-I) 33 Carmen Quad (4247 IV) 34 Sumlog River Quad (4241-IV) 35 Buso Quad (4241-III)

- MGB-CO: Postponed fieldwork as per advise of PNP-Region 10 due to the upcoming election  
Note: Region 11-The target area is within the CADT in CARAGA which requires Free and Prior Informed Consent (FPIC), coordination meeting was rescheduled in the 2nd Semester.

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4	Geologic Reports with Maps prepared (no.)	5	14	54	5	11	100%	79%	20%	1 Baler (3367-III) 2 Bagac (3063-I) 3 San Antonio (3064-IV) 4 San Narciso (3065-III) 5 Santa Juliana (3065-I) 6 Manivaya (3460-IV) 7 Libjo (3365-II) 8 Bugallon Quad (3061-IV) 9 Ulaikan Point Quad (3265-II)
	Field Updating of Geologic Maps-Quadrangles updated	0	9	10	1	9	-	100%	90%	
	Updating Geologic Reports with Maps prepared (no.)	0	6	10	0	6	-	100%	60%	
	Existing 1:50,000 scale geologic maps printed (no.)	6	12	64	5	18	83%	150%	28%	
	Mineral prospects/deposits inventoried (no.)	28	143	325	37	142	132%	99%	44%	
	Provision of Laboratory Services									
	Samples analyzed (no.)	677	3,763	7,606	1,133	5,007	167%	133%	66%	
	Determinations made (no.)	42,111	246,885	495,510	67,605	420,743	161%	170%	85%	
	Mineral Resource Inventory									
	Provincial Resource Maps updated and submitted to MGBCO (no.)	0	1	15	0	1	-	100%	7%	
Offshore Exploration										
Geophysical and Geological assessment (no.)	0	1	2	0	0	-	0%	0%		
32000000000000	OO3: 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	6	48	80	7	51	117%	106%	64%	
OUTCOME INDICATOR 2:										
	Number of LGUs (cities/municipalities) provided with information, education and communication campaigns on geohazards	12	33	90	10	28	83%	85%	31%	
OUTCOME INDICATOR 3:										
	Number of LGUs assessed for groundwater resources and vulnerability	5	29	50	6	31	120%	107%	62%	
320300100001000	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.)	6	48	80	7	51	117%	106%	64%	1 Malibcong, Abra 2 Nampicuan, Nueva Ecija 3 Coron, Palawan 4 Busuanga, Palawan 5 Bato, Catanduanes 6 Baras, Catanduanes 7 Maydolong, Eastern Samar 8 Tigbao, Zamboanga del Sur 9 Malitbog, Bukidnon 10 Mabini, Pangasinan 11 Villaverde, Nueva Vizcaya 12 Quezon, Nueva Ecija 13 Balayan, Batangas 14 Calaca, Batangas 15 Cullion, Palawan



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										16 Basud, Camarines Norte; 17 San Vicente, Camarines Norte 18 San Lorenzo, Guimaras 19 Maria, Siquijor 20 Siay, Zamboanga Sibugay 21 Remedios T. Romualdez, Agusan del Norte 22 Caoayan, Ilocos Sur 23 Sinait, Ilocos Sur 24 Cabugao, Ilocos Sur 25 Sadanga, Mountain Province 26 Kabayan, Benguet 27 Bolinao, Pangasinan 28 Ambaguio, Nueva Vizcaya; 29 Maddela, Quirino 30 Guimba, Nueva Ecija 31 Jomalig, Quezon; 32 Patnanungan, Quezon 33 Rapu-Rapu, Albay; 34 Bula, Camarines Sur 35 San Julian, Eastern Samar 36 Lantapan, Bukidhon 37 Pilar, Surigao del Norte 38 Anda, Pangasinan 39 Licab, Nueva Ecija 40 Polillo Island, Quezon 41 Burdeos, Quezon 42 Pantukulan, Quezon 43 La Libertad, Negros Oriental 44 Margosatubig, Zamboanga del Sur 45 Bokod, Benguet 46 San Manuel, Pangasinan 47 Concepcion, Tarlac 48 San Joaquin, Iloilo 49 Sulat, Eastern Samar 50 San Fernando, Bukidhon 51 Lingig, Surigao Del Sur	
	b. Updating of 1:10,000 scale Geohazard Maps	LGUs (cities/municipalities) assessed (no.)	6	48	80	7	52	117%	108%	65%	
	c. Karst Subsidence Hazard Mapping and Assessment	LGUs (cities/municipalities) assessed (no.)	2	12	24	2	11	100%	92%	46%	1 Baganga, Davao Oriental 2 Mabini, Pangasinan 3 Norzagaray, Bulacan 4 Alcoy, Cebu 5 Bagumbayan, Sultan Kudarat 6 Prieto Diaz, Sorsogon 7 Gubat, Sorsogon 8 Maddela, Quirino 9 Senator Ninoy Aquino, Sultan Kudarat 10 San Andres, Romblon 11 Isulan, Sultan Kudarat  Note: Region 11-The target area is within the CADT in CARAGA which requires Free and Prior Informed Consent (FPIC), coordination meeting was rescheduled in the 2nd Semester.
	d. Disaster – affected city/municipality assessed	LGUs (cities/municipalities) assessed (no.)	1	3	12	2	5	200%	167%	42%	1 Imelda, Zamboanga Sibugay 2 Alabel, Sarangani 3 Calanasan, Apayao 4 Lopez, Quezon 5 Sogod, Southern Leyte

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e. Environmentally Critical Areas assessed for geohazards	LGUs (cities/municipalities) assessed (no.)	1	4	15	1	8	100%	200%	53%	1 Tacurong City, Sultan Kudarat 2 Tampakan, South Cotabato 3 Balangkayan, Eastern Samar 4 Guinsilban, Camiguin 5 Coron, Palawan 6 San Remigio, Antique 7 Tigbao, Zamboanga del Sur 8 Daang Malico, Sari Nicolas, Pangasinan
	Conduct of IEC to LGUs (Intensive IEC Campaign on geohazard and VRA)	12	33	90	10	28	83%	85%	31%	1 Angono, Rizal 2 Taytay, Rizal 3 San Miguel, Iloilo 4 Allen, Northern Samar 5 Rosario, Northern Samar 6 Lavezares, Northern Samar 7 Catubig, Northern Samar 8 Pambujan, Northern Samar 9 Isabela City, Basilan 10 Olutanga, Zamboanga Sibugay 11 Mabuhay, Zamboanga Sibugay 12 Talusan, Zamboanga Sibugay 13 Carmen, Agusan del Norte 14 Binmaley, Pangasinan 15 Tiaong, Quezon; 16 Candelaria, Quezon 17 Labason; Zamboanga del Norte 18 Pozorrubio, Pangasinan 19 San Antonio, Zambales 20 Cabangan, Zambales 21 Pilar, Bataan 22 Banate, Iloilo 23 Puerto Princesa City, Palawan 24 Loreto, Agusan del Sur 25 Cebu City, Cebu 26 Consolacion City, Cebu 27 Talisay City, Cebu 28 Naga City, Cebu
	Printing of 1:10,000 scale maps	457	1,691	4,884	419	1,716	92%	101%	35%	Note MGB ROs: Awaiting forthcoming administration to effectively disseminate geohazard information.
	Geospatial maps printed (no.)									
2 Coastal Vulnerability Assessment and Impact of Climate Change	Physical Vulnerability Assessment and Mapping of Coastal Cities/municipalities	12	71	155	11	70	92%	99%	45%	1 Salug, Zamboanga del Norte 2 Leon B. Postigo, Zamboanga del Norte 3 Santa Maria, Davao Occidental 4 Bolinao, Pangasinan 5 Subic, Zambales 6 San Antonio, Zambales 7 Guimbal, Iloilo 8 Miagao, Iloilo 9 San Joaquin, Iloilo 10 Anini-y, Antique 11 Oslob, Cebu 12 Santander, Cebu 13 Samboan, Cebu 14 Guinsilban, Camiguin 15 Sagay, Camiguin 16 Catarman, Camiguin




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	
3	Groundwater Resource and Vulnerability Assessment									17 Zamboanguita, Negros Oriental 18 Dauin, Negros Oriental 19 Bacong, Negros Oriental 20 Dumaguete City, Negros Oriental 21 Sibulan, Negros Oriental 22 San Jose, Negros Oriental 23 Bais City, Negros Oriental 24 Ayungon, Negros Oriental 25 Tayasan, Negros Oriental 26 La Libertad, Negros Oriental 27 Guihulngan City, Negros Oriental 28 Vallehermoso, Negros Oriental 29 Baler, Aurora 30 Dipaculao, Aurora 31 Jomalig Island, Quezon 32 Patnanungan Island, Quezon 33 Toledo City, Cebu 34 Tarangnan, Samar 35 Santa Margarita, Samar 36 Calbayog City, Samar 37 Catbalogan City, Samar 38 Island Garden City of Samal, Davao del Norte 39 Alabel, Sarangani 40 General Luna, Surigao del Norte 41 Alaminos, Pangasinan 42 Labrador, Pangasinan 43 Sanchez Mira, Cagayan 44 Pampuna, Cagayan 45 Buguey, Cagayan 46 Aparri, Cagayan 47 Casiguran, Aurora 48 Dingalan, Aurora 49 Polillo Island, Quezon 50 Burdeos, Quezon 51 Panukulan, Quezon 52 Santa Magdalena, Sorsogon 53 Bulusan, Sorsogon 54 Barcelona, Sorsogon 55 Gubat, Sorsogon 56 Don Marcelino, Davao Occidental 57 Malita, Davao Occidental 58 Jose Abad Santos, Davao Occidental 59 Pilar, Surigao del Norte 60 Ballesteros, Cagayan 61 Abulug, Cagayan 62 Hermosa, Bataan 63 Orani, Bataan 64 San Remigio, Cebu 65 Daanbantayan, Cebu 66 Medellin, Cebu 67 Burgos, Surigao del Norte 68 San Isidro, Surigao del Norte 69 Maribojoc, Bohol 70 Daulis, Bohol  Note MGB ROs: Postponed due to previous elections, and waiting for newly elected local chief officials.
	Groundwater Resource Assessment	LGUs (cities/municipalities) assessed (no.)	5	29	50	6	31	120%	107%	62%

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 Sibulan, Negros Oriental 5 Sumilao, Bukidnon 6 Santa Maria, Davao Occidental 7 Palanas, Masbate 8 Lorente, Eastern Samar 9 Bayog, Zamboanga del Sur 10 Manolo Fortich, Bukidnon 11 Malita, Davao Occidental 12 Isulan, Sultan Kudarat 13 Madrid, Surigao del Sur 14 Sagada, Mountain Province 15 Llanera, Nueva Ecija 16 Don Marcelino, Davao Occidental 17 Sen. Ninoy Aquino, Sultan Kudarat 18 Sariaya, Quezon 19 Lucena City, Quezon 20 San Jose, Occidental Mindoro 21 Magsaysay, Occidental Mindoro 22 Pamplona, Negros Oriental 23 Godod, Zamboanga del Norte 24 Mandaluyong City, Metro Manila 25 Irosin, Sorsogon 26 Bontoc, Mountain Province 27 Cataingan, Masbate 28 Hernani, Eastern Samar 29 Slay, Zamboanga Sibugay 30 Impasug-ong, Bukidnon 31 San Juan City, Metro Manila

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**CY 2022 PHYSICAL ACCOMPLISHMENT REPORT**  
**Mines and Geosciences Bureau - Central Office**  
**June 30, 2022**

FO-PPIAD-09A

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	
1000000000000000	<b>GENERAL ADMINISTRATION AND SUPPORT</b>									
100000100001000	General Management and Supervision									
1	Administrative	Program Implementation Report (no.)	1	6	12	1	6	100%	100%	50%
2	Financial Management Services	Program Implementation Report (no.)	1	6	12	1	6	100%	100%	50%
100000100002000	Human Resource Development									
1	Human Resource Development Service									
	a. Program Monitoring and Evaluation	Program Implementation Report (no.)	1	6	12	1	6	100%	100%	50%
	b. Training and Career Development Program	Learning Events conducted (no.)	0	5	8	0	4	-	80%	50%
										1 Orientation on the Preparation for Procurement of Goods and Services, Consulting Services and Infrastructure Projects
										2 Orientation on the Performance Management and Coaching
										3 Orientation on the Awards System of Safety Driving Behavior
										4 Emotional Intelligence and Leadership Seminar
	c. Local Scholarship Program	Scholars monitored and managed (no.)	10	10	10	1	1	10%	10%	10%
2000000000000000	<b>SUPPORT TO OPERATIONS</b>									
200000100001000	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	1	3	1	1	-	100%	33%
		Program implemented/monitored (no.)	1	6	12	1	6	100%	100%	50%
2	Formulate, review/revise, develop and implement mineral policies and guidelines	Policies/Guidelines reviewed/endorsed to DENR (no.)	1	5	12	2	5	200%	100%	42%
										1 Revised Guidelines for the Classification and Reporting Standards of Exploration Results, Mineral Resources and Mineral Reserves
										2 Draft DMO on the Guidelines for the Establishment of Mineral Reservations and the Dis-establishment of Certain Portion(s) or Modification of an Established Mineral Reservation
										3 Draft DAO amending Section 2 of DAO 2015-17 re: Mandating Mining Contractors to Secure ISO 14001 Certification
										4 DAO 2022-12 Amending Section 16.6 of DENR Administrative Order No. 2017-15, Guidelines on Public Participation under the Philippine Environmental Impact Statement (EIS) System
										5 DAO 2022-08: Moratorium in the Acceptance of New Applications for Special Exploration Permit/Government Seabed Quarry Permit
3	Coordinate with National and International Linkages	Linkages with NGAs/LGUs/stakeholders/International Organizations coordinated/participated (no.)	13	22	34	14	75	108%	341%	221%
4	Conduct investigation, provide legal assistance and resolve mine related cases	Hearings attended/Court Appearance (no.)	1	1	2	0	0	0%	0%	0%
		Investigation assisted (no.)	1	1	2	2	2	200%	200%	100%
200000100002000	Mineral Economics, Information and Publication									
1	Conduct Awareness and Advocacy on Mineral Resources and Geosciences Development (MRGD)	IEC conducted/organized/participated (no.)	1	8	14	1	10	100%	125%	71%
		Press releases/ conferences/ media interviews conducted (no.)	7	42	84	4	38	57%	90%	45%
		Training/workshop/seminar conducted/attended/organized/coordinated (no.)	6	31	59	4	21	67%	68%	36%

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	Generate Mineral Economics information/Publish and disseminate IEC materials	Statistics reports generated/ monitored/ validated (no.)	2	7	13	1	7	50%	100%	54%	
		Strategic Mineral Information Systems managed/developed/maintained (no.)	8	8	8	8	8	100%	100%	100%	
		Information materials generated/published/disseminated (no.)	527	3,087	6,212	527	3,098	100%	100%	50%	
200000100003000	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%	1 Extraction of Vanadium from Philippine Iron Ores 2 Recovery of Nickel, Cobalt, Iron and Rare Earth Elements from Low Grade Philippine Laterite Ores Using Atmospheric Leaching with Reduction Pre-treatment 3 Technical Study on the Use of Blended Laterite Iron Sand as Feeds Material for Shaft Furnace Ironmaking Technology 4 Recovery of Scandium from Laterite-based Pig Iron Slag by Dry Digestion and Precipitation Methods 5 PhilKARST 1 – Climate-responsive Karst Management for Sustainable Tourism in the Philippines 6 PhilKARST 2 – Integrated Characterization, Quantitative Assessment, and Statistical Modelling for Geologic Hazards in Karst Landscapes in the Philippines: Input to Management Plans for Sustainable Tourism 7 Research on the Cenozoic Stratigraphy of the Philippines
300000000000000	<b>OPERATIONS</b>										
310000000000000	OO1: 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			10%							
	OUTCOME INDICATOR 2										
	Percentage of monitored mining permits/contracts complying with laws, rules and regulations										
	OUTPUT INDICATOR 1										
	Mining applications (including other mining rights related applications) approved/denied/endorsed within the prescribed period										
	OUTPUT INDICATOR 2										
	Number of mining permits/contracts monitored										
310100000000000	Program 1: Mineral Resources Enforcement and Regulatory Program										
310100100001000	Mineral Regulation Services										
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 (EP/ ISAG/MPP)									
		b. Other mining related permits									
		c. Declaration of Mining Project Feasibility (DMPF) acted upon (no.)									
	Use It or Lose It Policy	Mining Applications with Final Action (no.)	6	36	71	11	43	183%	119%	61%	
	Development of Small-Scale Mining - Assistance to Provincial/City Mining Regulatory Board (P/CMRB)/LGUs/Other Stakeholders	Proposed Minahang Bayan sites endorsed to DENR for Clearance (no.)	1	6	12	0	4	0%	67%	33%	1 Abba Deo multi-Purpose Cooperative (Chromite Gold: 19,997 Has.) in Brgy. Seriac and Canibongan, Dumingag, Zamboanga del Sur, RO-4X 2 Impahanong-Amusig Higaonon Tribal Community Organization (IAHTCO) (Chromite: 52,8455 Has.) in Sitio Kagahuman, Brgy. San Luis, Malitbog, Bukidnon, RO-X 3 Sibugay United SSM Cooperative (SUSSMICO) -(Gold; 20 Has.) in Brgy. Don Perfecto, Roseller T. Lim, Zamboanga Sibugay, ROIX 4 Mambulao Miner Mining and Quarrying Service (May 31)



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	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 audited (no.) as to compliance with:									
	a. Work Program/Terms and Conditions/Requirements	Regional Office system audited for WP (no.)									
		2	6	15	0	0	0%	0%	0%		
		MPP Compliance audited (no.)									
		0	1	20	0	24	-	2400%	120%		
	b. Safety, Health, Environment and Social Development (SHES) Programs	Regional Office system audited for SHES (no.)									
		2	10	15	3	8	150%	80%	53%	1	MGB Region 3
										2	MGB Region 6
										3	MGB CAR
										4	MGB Region 9
										5	MGB Region 8
										6	MGB Region XIII
										7	MGB Region XIII
										8	MGB MIMAROPA
3	Mine Rehabilitation Program										
	a. Palawan Quicksilver Mines, Inc. (PQMI)	Project Supervision and Monitoring Conducted (no.)									
		0	1	2	1	1	-	100%	50%		
		Studies conducted (no.)									
		0	2	2	0	0	-	0%	0%		
		IEC and Institutional Mechanism (ERDB)									
		5	5	11	0	0	0%	0%	0%		
		Audit of the implementation of interim rehabilitation measures (no.)									
		1	2	4	0	0	0%	0%	0%		
		Monitoring of the implementation of interim rehabilitation measures (no.)									
		1	2	4	1	1	100%	50%	25%		
	b. Other Abandoned/Inactive/Closed Mines	Other Abandoned Mines monitored (no.)									
		5	5	10	0	0	0%	0%	0%		
	c. Marcopper	Monitoring reports submitted (no.)									
		1	1	2	1	1	100%	100%	50%		
4	Resolution of Complaints/Cases/Conflicts										
	a. Complaints/cases/conflicts investigated/resolved	MGB									
		0	3	7	1	4	-	133%	57%	1	Investigation on the alleged seabed quarrying activities in Verde Passage between Batangas Coast and Fortune Island
										2	Investigation on the alleged illegal mining activities of Yinlong Steel Corporation in Candelaria, Zambales
										3	Investigation on the alleged illegal quarrying optns. MPSA & ExPA of Palakol Quarry and Dev. Corporation (May 16-20).
										4	Investigation on the alleged illegal mining activities in Ayungon, Negros Oriental
		Mines Adjudication Board Cases deliberated (no.)									
		1	6	12	0	0	0%	0%	0%		
		Mines Adjudication Board Cases decided-Original Appeal (no.)									
		1	2	6	0	0	0%	0%	0%		
		Mines Adjudication Board Case Resolved - Motions (no.)									
		3	3	3	0	0	0%	0%	0%		
	b. Assistance to PENRO/CENRO by embedded personnel	Preliminary Investigation conducted with report submitted to RD (no.)									
	c. Anti-Illegal Mining Campaign	Cease and Desist Orders issued/implemented (no.)									
		Charges filed with the Provincial/City Prosecutors Office (no.)									
3102000000000	OO1: 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				1						0%
	OUTPUT INDICATOR 1										
	Percentage of Total Philippine area surveyed for geology and mineral potential		0.10%	0.40%	0.90%	0.20%	0.40%	200%	100%	44%	
	OUTPUT INDICATOR 2										
	Number of new mineral reservation areas assessed/endorsed for declaration										
310200100001000	Program 2: Mineral Resources and Geosciences Development										
1	Communication Plan For Mineral Resources and Geoscience Development										

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	National Mineral Reservation Program										
	Research and Development/Special Projects	Areas assessed and studied for REE (no.)	0	0	2	0	0	-	-	0%	
	Mineral Assessment of River Systems	Major river systems assessed (line km.)	0	5	5	8	8	-	160%	160%	Santo Tomas River (8 line-kms)
	Advance Exploration	Areas assessed (no.)	0	1	2	1	1	-	100%	50%	Sta Ines
		Areas assessed for critical/strategic minerals (hectares)	0	0	2	0	0	-	-	0%	
3	Geologic Mapping										
	Geological Mapping and Surveys - Quadrangle Mapping	Quadrangles surveyed (no.)	1	4	9	2	4	200%	100%	44%	1 CALAMBA 3745-IV, Misamis Occidental 2 MOUNT AMPIRO 3745-III, Misamis Occidental 3 SUMLOG RIVER 4241-IV, Davao Oriental 4 BUSO, 4241-III, Davao Oriental
		Geologic Reports with Maps prepared (no.)	2	2	9	0	0	0%	0%	0%	
		Mineral prospects/deposits inventoried (no.)	5	20	45	10	10	200%	50%	22%	
	Provision of Laboratory Services	Samples analyzed (no.)	458	2,738	5,476	790	3,369	172%	123%	62%	
		Determinations made (no.)	28,561	171,380	342,800	42,193	257,784	148%	150%	75%	
	Mineral Exploration	Area surveyed (no.)	0	0	1	0	0	-	-	0%	
4	Offshore Exploration	Geophysical and Geological assessment (no.)	0	1	2	0	0	-	0%	0%	
32000000000000000000	OO3: 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		0	3	7	0	3	-	100%	43%	
	OUTCOME INDICATOR 2:										
	Number of LGUs (cities/municipalities) provided with information, education and communication campaigns on geohazards		6	6	15	6	6	100%	100%	40%	
	OUTCOME INDICATOR 3:										
	Number of LGUs assessed for groundwater resources and vulnerability		1	3	5	1	3	100%	100%	60%	
320300100001000	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.)	0	3	7	0	3	-	100%	43%	1 Caoayan, Ilocos Sur 2 Sinait, Ilocos Sur 3 Cabugao, Ilocos Sur
	b. Updating of 1:10,000 scale Geohazard Maps	LGUs (cities/municipalities) assessed (no.)	0	3	7	0	3	-	100%	43%	
	c. Karst Subsidence Hazard Mapping and Assessment	LGUs (cities/municipalities) assessed (no.)	0	2	3	0	2	-	100%	67%	1 Prieto Diaz, Sorsogon 2 Gubat, Sorsogon
	Conduct of IEC to LGUs (Intensive IEC Campaign on geohazard and VRA)	Seminars/Workshops conducted (no.)	6	6	15	6	6	100%	100%	40%	1 Puerto Princesa City, Palawan 2 Loreto, 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	Geospatial maps printed (no.)	198	198	495	240	516	121%	261%	104%	3 Cebu City, Cebu 4 Consolacion City, Cebu 5 Talisay City, Cebu 6 Naga City, Cebu	
	Coastal Vulnerability Assessment and Impact of Climate Change	Physical Vulnerability Assessment and Mapping of Coastal Cities/municipalities	Assessment and Mapping of municipalities/cities using CVI coupled with Analytical Hierarchy Process (AHP) (no.)	4	15	43	2	14	50%	93%	33%	1 Zamboanguita, Negros Oriental 2 Dauin, Negros Oriental 3 Bacong, Negros Oriental 4 Dumaguete City, Negros Oriental 5 Sibulan, Negros Oriental 6 San Jose, Negros Oriental 7 Bais City, Negros Oriental 8 Ayungon, Negros Oriental 9 Tayasan, Negros Oriental 10 La Libertad, Negros Oriental 11 Guihulngan City, Negros Oriental 12 Vallehermoso, Negros Oriental 13 Maribojoc, Bohol 14 Dausi, Bohol
3	Groundwater Resource and Vulnerability Assessment	Groundwater Resource Assessment	LGUs (cities/municipalities) assessed (no.)	1	3	5	1	3	100%	100%	60%	1 Mandaluyong City, Metro Manila 2 Irosin, Sorsogon 3 San Juan City, Metro Manila

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**CY 2022 PHYSICAL ACCOMPLISHMENT REPORT**  
**Mines and Geosciences Bureau - Regional Offices**  
 June 30, 2022

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	
3000000000000000	<b>OPERATIONS</b>									
3100000000000000	OO1: 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			75%						0%
	OUTPUT INDICATOR 1									
	Mining applications (including other mining rights related applications) approved/denied/endorsed within the prescribed period	400	1,696	3,764	472	2,243	118%	132%	60%	
	OUTPUT INDICATOR 2									
	Number of mining permits/contracts monitored									
3101000000000000	Program 1: Mineral Resources Enforcement and Regulatory Program									
310100100001000	Mineral Regulation Services									
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 (EP/ ISAGP/MPP)								
		15	32	135	8	33	53%	103%	24%	
		b. Other mining related permits								
		385	1,664	3,624	470	2,241	122%	135%	62%	
		c. Declaration of Mining Project Feasibility (DMPF) acted upon (no.)								
		0	0	5	0	0	-	-	0%	
	Use It or Lose It Policy	Mining Applications with Final Action (no.)								
		26	75	229	47	114	181%	152%	50%	
	Development of Small-Scale Mining - Assistance to Provincial/City Mining Regulatory Board (P/CMRB)/LGUs/Other Stakeholders	Inventory of Small-Scale Mining (SSM) Sites and Quarry/Sand and Gravel (SAG) Permit (no.)								
		13	40	89	8	43	62%	108%	48%	
		Declared Minahang Bayan sites monitored (no.)								
		6	19	44	7	26	117%	137%	59%	
		Potential Minahang Bayan sites assessed (no.)								
		4	6	15	2	7	50%	117%	47%	1 2 3 4 5 6 7
		Proposed Minahang Bayan sites endorsed to DENR through MGBCO (no.)								
		0	1	12	0	4	-	400%	33%	1 2 3 4
		Declared Minahang Bayan (MB) - PDP Target (no.)								
		0	0	5	0	4	-	-	80%	1 2 3 4

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	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  Strengthen Multi-partite Monitoring System  Review of the Performance of Existing Mining Operation	P/CMRBs maintained/operationalized/reconstituted (no.)	90	90	90	89	89	99%	99%	99%	PMRB Marinduque is currently non-operational in view of Resolution No. 32, s. 2019 of the Province of Marinduque authorizing the provincial government to temporarily take over the operation of quarry sites and engage in the quarry operation of extraction and sale of commercial sand and gravel in the province.			
		P/CMRB Meetings conducted/ participated (no.)	40	184	364	43	196	108%	107%	54%				
		Mining Rights audited (no.) as to compliance with:												
		a. Work Program/Terms and Conditions/Requirements	51	356	613	60	407	118%	114%	66%				
		b. Safety, Health, Environment and Social Development (SHES) Programs	51	356	613	53	409	104%	115%	67%				
		Monitoring Report on Mining Forest Program (MFP) submitted (no.)	3	15	30	3	16	100%	107%	53%				
		Multi-partite Monitoring Teams (MMT) of mining projects (with permits issued by MGB) operationalized (no.)	234	234	234	249	249	106%	106%	106%				
		Mining contracts/ permits reviewed /cancelled /endorsed for cancellation (no.)	58	350	646	65	395	112%	113%	61%				
		3 4	Mine Rehabilitation Program  Resolution of Complaints/Cases/Conflicts  a. Complaints/cases/conflicts investigated/resolved     b. Assistance to PENRO/CENRO by embedded personnel	MGB	20	77	148	26	127	130%		165%	86%	
				Panel of Arbitrators										
Panel Decided	1			1	17	2	2	200%	200%	12%				
Panel Resolve	0			0	10	0	0	-	-	0%				
Quarterly Accomplishment/Inventory Report of the Panel of Arbitrators	11			30	60	10	30	91%	100%	50%				
Preliminary investigation conducted with report submitted to RD (no.)	21			97	204	40	136	190%	140%	67%				
Anti-Illegal Mining Campaign														
Illegal Mining Sites with Cease and Desist Order (CDO) issued/implemented (no.)	12			28	68	5	59	42%	211%	87%				
Confiscation/Release order issued (no.)	1			2	14	2	4	200%	200%	29%				
Complaints/Charges filed with the Provincial Prosecutors Office (no.)	2			4	26	0	4	0%	100%	15%				
31020000000000	OO1: 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	1	3	11	2	3	200%	100%	27%					
OUTPUT INDICATOR 1														
	Percentage of Total Philippine area surveyed for geology and mineral potential	0.50%	3.00%	4.50%	0.90%	3.10%	180%	103%	69%					
OUTPUT INDICATOR 2														
	Number of new mineral reservation areas assessed/endorsed for declaration													
310200100001000	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)	Dialogue with Sangguniang Panlalawigan/ Bayan/ Panlungsod/Barangay/ other groups (Religious groups, CSO, academe, etc.)	12	37	68	6	52	50%	141%	76%				
	Radio/TV Guestings (no.)	11	33	66	12	63	109%	191%	95%					
	Press Releases/Photo Releases/Feature Stories (no.)	30	180	360	45	226	150%	126%	63%					
	Infographic for Regional Mineral Profile	0	15	15	0	14	-	93%	93%					



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	Generate/Publish/Disseminate Information, Education and Communication (IEC) Materials	Infographic for Provincial Mineral Profile	0	76	76	0	71	-	93%	93%		
		Website and Social media (Facebook/YouTube/Twitter/Instagram) maintained/monitored (no.)	30	30	30	31	31	103%	103%	103%		
		Articles Posted in website and social media (no.)	30	180	360	63	260	210%	144%	72%		
		IEC materials/collaterals (caps, t-shirts, masks, etc.) produced/reproduced/distributed (including climate change) (no.)	1,775	3,725	7,500	1,558	6,138	88%	165%	82%		
		Statistics reports submitted to MGBCO (no.)	0	270	480	0	269	-	100%	56%		
		Maps/Map Info Database submitted to MGBCO (no.)	30	180	360	28	174	93%	97%	48%		
		MRGD reports submitted to MGBCO (no.)	30	270	525	30	262	100%	97%	50%		
		Capacity Building Program on MRGD Laws, Rules and Regulations	Trainings conducted/coordinated/participated on (no.)									
			a. MGB Personnel	20	29	63	15	37	75%	128%	59%	
			a.1. Participants to workshops, seminars, trainings, and webinars related to Mineral Economics, Mineral Statistics and Website conducted/coordinated by the MGB CO (no.)	45	45	45	0	0	0%	0%	0%	
		b. LGUs and Other Stakeholders	3	10	25	5	27	167%	270%	108%		
		c. Small Scale Miners	5	12	30	2	18	40%	150%	60%		
	National and International Linkages	Linkages coordinated (no.)	15	90	180	21	97	140%	108%	54%		
	National Mineral Reservation Program											
	Upgrading and Development of Existing Mineral Reservation Areas	Existing Mineral Reservation areas monitored and upgraded (no.)	0	1	8	0	1	-	100%	13%	1 Zambales Chromite Mineral Reservation (Parcel II)	
	Establishment of New Mineral Reservations	New mineral reservation areas assessed/endorsed for declaration (no.)	1	2	8	2	3	200%	150%	38%	1 Semi-detailed geologic mapping and geo chemical sampling in Balamban, Cebu 2 Dinapigue, Isabela 3 Municipalities of San Remigio, Sibakom, Patnongon, and Bellison, Province of Antique	
	Research and Development/Special Projects	Areas assessed and studied for REE (no.)										
	Mineral Assessment of River Systems	Major river systems assessed (line km.)	0	15	75	9	38	-	252%	50%	1 Bosigon River and its major tributaries in Labo, Camarines Norte (9 line-kms) 2 Maug River, Agusan del Sur (20 line-kms) 3 Bagongbong River, Ormoc City, Leyte (3.84 line-kms) 4 Tiblawan River, Davao Oriental (5 line-kms)	
	Geologic Mapping											
	Geological Mapping and Surveys - Quadrangle Mapping	Quadrangles surveyed (no.)	5	30	45	9	31	180%	103%	69%	1 Danac (3172-II) 2 Bagolibud Point (3442-I) 3 Caburan (4137-IV) 4 Cullion (3055 IV) 5 Baldat (2955 I) 6 Siaton (3547-II) 7 Taft (4055-I) 8 Diwait Point (3645-III) 9 Burias (4037-II) 10 Lingig (4244-II) 11 Artuz (3453-I) 12 Sulat (4055-II) 13 Sabaki (4242-III) 14 Lun Grande (4038-II) 15 Mankayan Quad (3170-I) 16 Calayan Island Quad (3278-II) 17 Alicia Quad (3542-I) 18 Kibawe Quad (3942-I) 19 Kitaotao Quad (4042-IV) 20 Tabayon Quad (4137-III) 21 Tango Quad (4037-IV)	



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	
										22 Bislig Quad (4244-I) 23 Dalupiri Island Quad (3277-II) 24 San Dionisio Quad (3378-I) 25 Halsey Harbor Quad (2955-II) 26 Calumbagan Quad (3055-III) 27 Lawaan Quad (4055-IV) 28 Slocon Quad (3443-III) 29 Kabayawa Quad (4039-II) 30 Malungun Quad (4038-I) 31 Carmen Quad (4247 IV)
	Geologic Reports with Maps prepared (no.)	3	12	45	5	11	167%	92%	24%	Note: Region 11-The target area is within the CADT in CARAGA which requires Free and Prior Informed Consent (FPIC), coordination meeting was rescheduled in the 2nd Semester.
	Field Updating of Geologic Maps-Quadrangles updated (no.)	0	9	10	1	9	-	100%	90%	1 Baler (3367-III) 2 Bagac (3063-I) 3 San Antonio (3064-IV) 4 San Narciso (3065-III) 5 Santa Juliana (3065-I)
4	Provision of Laboratory Services									6 Maniwaya (3460-IV) 7 Libjo (3365-II) 8 Bugallon Quad (3061-IV) 9 Ulaikan Point Quad (3265-II)
	Mineral Resource Inventory									
	Offshore Exploration									
3200000000000000	OO3: 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	6	45	73	7	48	117%	107%	66%	
	OUTCOME INDICATOR 2:									
	Number of LGUs (cities/municipalities) provided with information, education and communication campaigns on geohazards	6	27	75	4	22	67%	81%	29%	
	OUTCOME INDICATOR 3:									
	Number of LGUs assessed for groundwater resources and vulnerability	4	26	45	5	28	125%	108%	62%	

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		
320300100001000	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.)	6	45	73	7	48	117%	107%	66%	1 Malibcong, Abra 2 Nampicuan, Nueva Ecija 3 Coron, Palawan 4 Busuanga, Palawan 5 Bato, Catanduanes 6 Baras, Catanduanes 7 Maydolong, Eastern Samar 8 Tigbao, Zamboanga del Sur 9 Malitbog, Bukidnon 10 Mabini, Pangasinan 11 Villaverde, Nueva Vizcaya 12 Quezon, Nueva Ecija 13 Balayan, Batangas 14 Calaca, Batangas 15 Culion, Palawan 16 Basud, Camarines Norte; 17 San Vicente, Camarines Norte 18 San Lorenzo, Guimaras 19 Maria, Siquijor 20 Siay, Zamboanga Sibugay 21 Remedios T. Romualdez, Agusan del Norte 22 Sadanga, Mountain Province 23 Kabayan, Benguet 24 Bolinao, Pangasinan 25 Ambaguio, Nueva Vizcaya; 26 Maddela, Quirino 27 Guimba, Nueva Ecija 28 Jomalig, Quezon; 29 Patnanungan, Quezon 30 Rapu-Rapu, Albay; 31 Bula, Camarines Sur 32 San Julian, Eastern Samar 33 Lantapan, Bukidnon 34 Pilar, Surigao del Norte 35 Anda, Pangasinan 36 Licab, Nueva Ecija 37 Polillo Island, Quezon 38 Burdeos, Quezon 39 Panukulan, Quezon 40 La Libertad, Negros Oriental 41 Margosatubig, Zamboanga del Sur 42 Bokod, Benguet 43 San Manuel, Pangasinan 44 Concepcion, Tarlac 45 San Joaquin, Iloilo 46 Sulat, Eastern Samar 47 San Fernando, Bukidnon 48 Lingig, Surigao Del Sur
	b. Updating of 1:10,000 scale Geohazard Maps	LGUs (cities/municipalities) assessed (no.)	6	45	73	7	49	117%	109%	67%	

P A P Code / Component Activity Statement	PERFORMANCE INDICATOR	TARGET			ACCOMPLISHMENT					REMARKS
		This Mo.	To Date	Annual	This Mo.	To Date	% This	% To	%	
							Mo.	Date	Annual	
c. Karst Subsidence Hazard Mapping and Assessment	LGUs (cities/municipalities) assessed (no.)	2	10	21	2	9	100%	90%	43%	1 Baganga, Davao Oriental 2 Mabini, Pangasinan 3 Norzagaray, Bulacan 4 Alcoy, Cebu 5 Bagumbayan, Sultan Kudarat 6 Maddela, Quirino 7 Senator Ninoy Aquino, Sultan Kudarat 8 San Andres, Romblon 9 Isulan, Sultan Kudarat  Note: Region 11-The target area is within the CADT in CARAGA which requires Free and Prior Informed Consent (FPIC), coordination meeting was rescheduled in the 2nd Semester.
	d. Disaster – affected city/municipality assessed	1	3	12	2	5	200%	167%	42%	1 Imelda, Zamboanga Sibugay 2 Alabel, Sarangani 3 Calanasan, Apayao 4 Lopez, Quezon 5 Sogod, Southern Leyte
e. Environmentally Critical Areas assessed for geohazards	LGUs (cities/municipalities) assessed (no.)	1	4	15	1	8	100%	200%	53%	1 Tacurong City, Sultan Kudarat 2 Tampakan, South Cotabato 3 Balangkayan, Eastern Samar 4 Guinsiliban, Camiguin 5 Coron, Palawan 6 San Remigio, Antique 7 Tigbao, Zamboanga del Sur 8 Daang Malico, San Nicolas, Pangasinan
	Conduct of IEC to LGUs (Intensive IEC Campaign on geohazard and VRA)	Seminars/Workshops conducted (no.)	6	27	75	4	22	67%	81%	29%
Geohazards Operation Center	Geohazards Operation Center Maintained (no.)	15	15	15	15	15	100%	100%	100%	
Printing of 1:10,000 scale maps	Geospatial maps printed (no.)	259	1,493	4,389	179	1,200	69%	80%	27%	



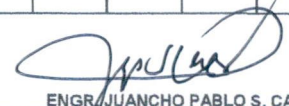
P A P Code / Component Activity Statement	PERFORMANCE INDICATOR	TARGET			ACCOMPLISHMENT					REMARKS	
		This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual		
2	Coastal Vulnerability Assessment and Impact of Climate Change										
	Physical Vulnerability Assessment and Mapping of Coastal Cities/municipalities	Assessment and Mapping of municipalities/cities using CVI coupled with Analytical Hierarchy Process (AHP) (no.)	8	56	112	9	56	113%	100%	50%	1 Salug, Zamboanga del Norte 2 Leon B. Postigo, Zamboanga del Norte 3 Santa Maria, Davao Occidental 4 Bolinao, Pangasinan 5 Subic, Zambales 6 San Antonio, Zambales 7 Guimbal, Iloilo 8 Miagao, Iloilo 9 San Joaquin, Iloilo 10 Anini-y, Antique 11 Oslob, Cebu 12 Santander, Cebu 13 Samboan, Cebu 14 Guinsiliban, Camiguin 15 Sagay, Camiguin 16 Catarman, Camiguin 17 Bale, Aurora 18 Dipaculao, Aurora 19 Jomalig Island, Quezon 20 Patnanungan Island, Quezon 21 Toledo City, Cebu 22 Tarangnan, Samar 23 Santa Margarita, Samar 24 Calbayog City, Samar 25 Catbalogan City, Samar 26 Island Garden City of Samal, Davao del Norte 27 Alabel, Sarangani 28 General Luna, Surigao del Norte 29 Alaminos, Pangasinan 30 Labrador, Pangasinan 31 Sanchez Mira, Cagayan 32 Pamplona, Cagayan 33 Buguey, Cagayan 34 Aparri, Cagayan 35 Casiguran, Aurora 36 Dingalan, Aurora 37 Polillo Island, Quezon 38 Burdeos, Quezon 39 Panukulan, Quezon 40 Santa Magdalena, Sorsogon 41 Bulusan, Sorsogon 42 Barcelona, Sorsogon 43 Gubat, Sorsogon 44 Don Marcelino, Davao Occidental 45 Malita, Davao Occidental 46 Jose Abad Santos, Davao Occidental 47 Pilar, Surigao del Norte 48 Ballesteros, Cagayan 49 Abulug, Cagayan 50 Hermosa, Bataan 51 Orani, Bataan 52 San Remigio, Cebu 53 Daanbantayan, Cebu 54 Medellin, Cebu 55 Burgos, Surigao del Norte 56 San Isidro, Surigao del Norte

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		This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual	
Groundwater Resource Assessment	LGUs (cities/municipalities) assessed (no.)	4	26	45	5	28	125%	108%	62%	1 Sabangan, Mountain Province 2 San Jose City, Nueva Ecija 3 Candelaria, Quezon 4 Sibulan, Negros Oriental 5 Sumilao, Bukidnon 6 Santa Maria, Davao Occidental 7 Palanas, Masbate 8 Llorente, Eastern Samar 9 Bayog, Zamboanga del Sur 10 Manolo Fortich, Bukidnon 11 Malita, Davao Occidental 12 Isulan, Sultan Kudarat 13 Madrid, Surigao del Sur 14 Sagada, Mountain Province 15 Lanera, Nueva Ecija 16 Don Marcelino, Davao Occidental 17 Sen. Ninoy Aquino, Sultan Kudarat 18 Sariaya, Quezon 19 Lucena City, Quezon 20 San Jose, Occidental Mindoro 21 Magsaysay, Occidental Mindoro 22 Pamplona, Negros Oriental 23 Godod, Zamboanga del Norte 24 Bontoc, Mountain Province 25 Cataingan, Masbate 26 Hernani, Eastern Samar 27 Slay, Zamboanga Sibugay 28 Impasig-ong, Bukidnon

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