



Republic of the Philippines
 Department of Environment and Natural Resources
MINES AND GEOSCIENCES BUREAU

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Subject: CY 2022 External Report Mines & Geosciences Bureau (MGB)- as of 30 September 2022 Mines & Geosciences Bureau (Regional Office)- as of 30 September 2022 Mines & Geosciences Bureau (Central Office)- as of 30 September 2022				
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From	Date/Time Received	To	Date/Time Released	Action Required/Taken
RPV		Ma'am Lyn	05 October 2022	Ma'am Lyn, For your initials <i>Thank you,</i>
		Sir Ted		Sir Ted For your signature <i>Thank you,</i>
		OD/OAD	<i>05 October 2022</i>	Sir, For your signature. <i>Thank you,</i>
		OD	<i>10/5</i>	<i>accomplishment report</i> <i>initialed. jpsr.</i>
		<i>PPIAD</i>	<i>10/5</i>	<i>for ss</i>
	<i>10.06.2022</i>	<i>pmms</i>	<i>10.5.22</i>	<i>For appropriate action pls.</i>

Records Doc. Ref. No. _____

CY 2022 PHYSICAL ACCOMPLISHMENT REPORT
Mines and Geosciences Bureau
September 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	GENERAL ADMINISTRATION AND SUPPORT									
100000100001000	General Management and Supervision									
1	Administrative	Program Implementation Report (no.)	1	9	12	1	9	100%	100%	75%
2	Financial Management Services	Program Implementation Report (no.)	1	9	12	1	9	100%	100%	75%
100000100002000	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	Learning Events conducted (no.)	0	7	8	1	5	-	71%	63%
										1
										2
										3
										4
										5
	c. Local Scholarship Program	Scholars monitored and managed (no.)	10	10	10	1	1	10%	10%	10%
2000000000000000	SUPPORT TO OPERATIONS									
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	2	3	0	2	-	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	8	12	4	9	400%	113%	75%
3	Coordinate with National and International Linkages	Linkages with NGAs/LGUs/stakeholders/International Organizations coordinated/participated (no.)	0	34	34	8	96	-	282%	282%
4	Conduct investigation, provide legal assistance and resolve mine related cases	Hearings attended/Court Appearance (no.)	0	1	2	0	0	-	0%	0%
		Investigation assisted (no.)	0	1	2	0	2	-	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	11	14	0	11	0%	100%	79%
		Press releases/ conferences/ media interviews conducted (no.)	7	63	84	6	66	86%	105%	79%
		Training/workshop/seminar conducted/attended/organized/coordinated (no.)	6	16	59	5	40	83%	250%	68%
2	Generate Mineral Economics information/Publish and disseminate IEC materials	Statistics reports generated/ monitored/ validated (no.)	2	11	13	1	11	50%	100%	85%
		Strategic Mineral Information Systems managed/developed/maintained (no.)	8	8	8	8	8	100%	100%	100%
		Information materials generated/published/disseminated (no.)	521	4,648	6,212	520	4,676	100%	101%	75%
200000100003000	Research and Development									
1	Research Studies on Mineral Resources and Geosciences Development (MRGD) Programs	Research/studies conducted (no.)	8	8	9	7	7	88%	88%	78%
										1
										2

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		This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual		
										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
3000000000000000	OPERATIONS										
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			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	491	3,099	3,764	508	3,585	103%	116%	95%		
	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										
	a. Agreements/contracts/ permits (EP/ ISAGP/MPP)	22	77	135	36	85	164%	110%	63%		
	b. Other mining related permits	468	3,021	3,624	509	3,581	109%	119%	99%		
	c. Declaration of Mining Project Feasibility (DMPF) acted upon (no.)	1	1	5	0	1	0%	100%	20%		
	Use It or Lose It Policy										
	Mining Applications with Final Action (no.)	37	145	229	35	177	95%	122%	77%		
	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.)	10	67	89	8	75	80%	112%	84%		
	Declared Minahang Bayan sites monitored (no.)	5	36	44	3	43	60%	119%	98%		
	Potential Minahang Bayan sites assessed (no.)	4	12	15	2	11	50%	92%	73%	1	Brgy. Langkub, Libertad, Misamis Oriental
										2	Sitio Matanday, Brgy. Sta Barbara, Iba, Zambales
										3	Brgy. Fatima, Liloan, Southern Leyte
										4	Sipalay City, Negros Occidental
										5	Sibutad, Zamboanga del Norte
										6	Brgy. Calititan, Umingan, Pangasinan
										7	Tboli, South Cotabato
										8	Luklukan Norte, Jose Panganiban, Camarines Norte
										9	Rizal, Talibon, Bohol
										10	Manurigao SSM Association-Manurigao, New Bataan,
										11	Gacub Settlers Multi- Purpose Cooperative (GSMPC),
	Proposed Minahang Bayan sites endorsed to DENR through MGBCO (no.)	1	3	12	1	7	100%	233%	58%	1	PSSM of Albor Small Scale Mining Cooperative located in Brgy. Gen. Aguinaldo, Libjo, Dinagat Island
										2	SUSSMICO Don Perfecto, Roseller Lim, Zamboanga
										3	Baduat Indigenous Minahang Bayan Association in Conner, Apavao

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	Declared Minahang Bayan (MB) - PDP Target (no.)	0	1	5	0	4	-	400%	80%	4 Laylaya Cultural Community at Laylaya, Besao Mt. Province. 5 MB of Mike Armando Wilson and Sotto Wilson located at Brqv Dumaqaas. in Bolinev, Abra 6 MB of Benguet Federation of SSMiners Association-Tuba Parcel 8, Tuba, Benquet 7 Minahang Bayan (MB) of Fludi Tuan, Tboli, South		
		P/CMRBs maintained/operationalized/reconstituted (no.)	90	90	90	89	89	99%	99%	99%	1 Guina-ang Tribe Indigenous People Community (GTIPC), Pail, Kalinga		
		P/CMRB Meetings conducted/ participated (no.)	42	280	364	45	305	107%	109%	84%	2 Declared MB of Mr. Reynaldo Bugnay located in Conner Apavao 3 Declared MB of Mr. Roman Austudillo located in Eva Garden, Calanasan, Apavao 4 PMRB Sultan Kudarat declared MB area of Dulajian Nor in Bai Saripinanq, Baqumbayan, Sultan Kudarat		
		Mining Rights monitored (no.) as to compliance with:											
		a. Work Program/Terms and Conditions/Requirements	58	534	613	54	574	93%	107%	94%			
		b. Safety, Health, Environment and Social Development (SHES) Programs	58	534	613	59	579	102%	108%	94%			
		Mining Rights audited (no.) as to compliance with:											
		a. Work Program/Terms and Conditions/Requirements											
		Regional Office system audited for WP (no.)	2	12	15	5	9	250%	75%	60%			
		MPP Compliance audited (no.)	0	3	20	5	52	-	1733%	260%			
		b. Safety, Health, Environment and Social Development (SHES) Programs											
		Regional Office system audited for SHES (no.)	0	15	15	0	15	-	100%	100%			
		Monitoring Report on Mining Forest Program (MFP) submitted (no.)	1	24	30	2	27	200%	113%	90%			
		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	58	512	646	60	549	103%	107%	85%		
3	Mine Rehabilitation Program	a. Palawan Quicksilver Mines, Inc. (PQMI)											
		Project Supervision and Monitoring Conducted (no.)	0	1	2	0	1	-	100%	50%			
		Studies conducted (no.)	0	2	2	0	0	-	0%	0%			
		IEC and Institutional Mechanism (ERDB)	0	5	11	8	8	-	160%	73%			
		Audit of the implementation of interim rehabilitation measures (no.)	1	3	4	0	0	0%	0%	0%			
		Monitoring of the implementation of interim rehabilitation measures (no.)	1	3	4	0	1	0%	33%	25%			
		b. Other Abandoned/Inactive/Closed Mines	Other Abandoned Mines monitored (no.)	5	10	10	1	2	20%	20%	20%		
		c. Marcopper	Monitoring reports submitted (no.)	0	1	2	0	1	-	100%	50%		
		4	Resolution of Complaints/Cases/Conflicts	a. Complaints/cases/conflicts investigated/resolved									
				MGB	19	129	155	29	198	153%	153%	128%	
Panel of Arbitrators													
Panel Decided	3			6	17	1	4	33%	67%	24%			
Panel Resolve	3			4	10	1	4	33%	100%	40%			
Quarterly Accomplishment/Inventory Report of the Panel of Arbitrators	11			45	60	10	45	91%	100%	75%			
b. Assistance to PENRO/CENRO by embedded personnel	Preliminary Investigation conducted with report submitted to RD (no.)			22	155	204	25	201	114%	130%	99%		
Mines Adjudication Board													

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		This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual	
	Mines Adjudication Board Cases deliberated (no.)	1	9	12	0	5	0%	56%	42%	
	Mines Adjudication Board Cases decided-Original Appeal (no.)	1	4	6	0	1	0%	25%	17%	
	Mines Adjudication Board Case Resolved - Motions (no.)	0	3	3	0	1	-	33%	33%	
	Anti-Illegal Mining Campaign									
	Illegal Mining Sites with Cease and Desist Order (CDO) issued/implemented (no.)	10	49	68	28	118	280%	241%	174%	
	Confiscation/Release order issued (no.)	3	6	14	0	9	0%	150%	64%	
	Complaints/Charges filed with the Provincial Prosecutors Office (no.)	3	9	26	4	12	133%	133%	46%	
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	5	8	12	2	7	40%	88%	58%	
OUTPUT INDICATOR 1										
	Percentage of Total Philippine area surveyed for geology and mineral potential	0.50%	5.10%	5.40%	0.60%	5.10%	120%	100%	94%	
OUTPUT INDICATOR 2										
	Number of new mineral reservation areas assessed/endorsed for declaration	0	3	8	0	4	-	133%	50%	
310200100001000	Program 2: Mineral Resources and Geosciences									
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.)	7	57	68	6	73	86%	128%	107%
		Radio/TV Guestings (no.)	4	49	66	6	83	150%	169%	126%
		Press Releases/Photo Releases/Feature Stories (no.)	30	270	360	34	326	113%	121%	91%
		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	270	360	41	372	137%	138%	103%
		IEC materials/collaterals (caps, t-shirts, masks, etc.) produced/reproduced/distributed (including climate change) (no.)	1,575	6,475	7,500	359	8,093	23%	125%	108%
		Statistics reports submitted to MGBCO (no.)	0	375	480	0	376	-	100%	78%
		Maps/Map Info Database submitted to MGBCO (no.)	30	270	360	28	268	93%	99%	74%
		MRGD reports submitted to MGBCO (no.)	30	405	525	29	402	97%	99%	77%
	Capacity Building Program on MRGD Laws, Rules and Regulations	Trainings conducted/coordinated/participated on (no.)								
		a. MGB Personnel	9	46	63	7	56	78%	122%	89%
		a.1. Participants to workshops, seminars, trainings, and webinars related to Mineral Economics, Mineral Statistics and Website conducted/coordinated by the MGB CO (no.)	0	45	45	0	0	-	0%	0%
		b. LGUs and Other Stakeholders	5	22	25	1	34	20%	155%	136%
		c. Small Scale Miners	7	24	30	8	31	114%	129%	103%
	National and International Linkages	Linkages coordinated (no.)	15	135	180	21	140	140%	104%	78%
2	National Mineral Reservation Program									
	Upgrading and Development of Existing Mineral Reservation Areas	Existing Mineral Reservation areas monitored and upgraded (no.)	0	2	8	1	3	-	150%	38%
	Establishment of New Mineral Reservations	New mineral reservation areas assessed/endorsed for declaration (no.)	0	3	8	0	4	-	133%	50%
	Research and Development/Special Projects	Areas assessed and studied for REE (no.)	0	1	2	0	1	-	100%	50%

1 Zambales Chromite Mineral Reservation (Parcel II)
2 Diwalwal Mineral Reservation
3 Biak-na-Bato Mineral Reservation, DRT, Bulacan

1 Semi-detailed geologic mapping and geo chemical sampling in Balamban, Cebu
2 Dinapigue, Isabela
3 Municipalities of San Remigio, Sibalom, Patnongan, and Belison, Province of Antique
4 Block 2 of Parcel 3 - Western Misamis Oriental

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		This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual		
3 Mineral Assessment of River Systems	Major river systems assessed (line km.)	10	35	80	16	100	160%	286%	125%	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 Abulog River, Ifugao (6 line- kms) 6 Iponan River, Cagayan de Oro (5 line-kms) 7 Bislak River, Ilocos Norte (26 Km) 8 Santo Tomas River (8 line-kms) 9 Mogpog River, Mogpog, Marinduque (1 Km) 10 Talinga River, Zamboanga del Norte (10 Km) 11 Allah River, South Cotabato (5 Km) *Bagongbong River, Ormoc City, Leyte (1.16 line-kms)	
	Advance Exploration	Areas assessed (no.)	0	2	2	0	1	-	50%	50%	1
		Areas assessed for critical/strategic minerals (hectares)	0	1	2	0	0	-	0%	0%	
	Geologic Mapping										
	Geological Mapping and Surveys - Quadrangle Mapping	Quadrangles surveyed (no.)	5	51	54	6	51	120%	100%	94%	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 Dalupiri 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 Siocon 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) 36 Quili Quad (3171-I) 37 Kumalisquis Quad (3651-I) 38 Coronado Quad (3443-IV) 39 Margus Grande Quad (4036-I) 40 Talagutong Quad (4138-IV) 41 Mt. Matutum Quad (4039-III) 42 San Jose de Buan Quad (4056-III)

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		This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual			
4	Offshore Exploration	Geologic Reports with Maps prepared (no.)	3	25	54	9	28	300%	112%	52%	45 Ozamis City Quad (3744-II) 46 Bontoc Quad (3171-II) 47 Minapasoc Quad (3652-II) 48 Kalian Quad (4138-III) 49 Socorro Quad (4148-I) 50 San Fermin Quad (4241-I) 51 Tarragona Quad (4241-II)	
		Field Updating of Geologic Maps-Quadrangles updated	0	10	10	0	10	-	100%	100%	1 Baler (3367-III) 2 Bagac (3063-I) 3 San Antonio (3064-IV) 4 San Narciso (3065-III) 5 Santa Juliana (3065-I) 6 Maniwaya (3460-IV) 7 Libjo (3365-II) 8 Bugallon Quad (3061-IV) 9 Ulalikan Point Quad (3265-II) 10 Lingayen Quad (3068-III)	
		Updating Geologic Reports with Maps prepared (no.)	0	9	10	0	9	-	100%	90%		
		Existing 1:50,000 scale geologic maps printed (no.)	6	25	64	7	31	117%	124%	48%		
		Mineral prospects/deposits inventoried (no.)	28	229	325	25	251	89%	110%	77%		
		Provision of Laboratory Services	Samples analyzed (no.)	684	5,710	7,606	2,204	11,666	322%	204%	153%	
			Determinations made (no.)	42,347	373,087	495,510	93,782	762,126	221%	204%	154%	
		Mineral Resource Inventory	Provincial Resource Maps updated and submitted to MGBCO (no.)	0	1	15	0	2	-	200%	13%	
			Geophysical and Geological assessment (no.)	0	1	2	1	1	-	100%	50%	
		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		5	69	80	7	74	140%	107%	93%		
OUTCOME INDICATOR 2:												
	Number of LGUs (cities/municipalities) provided with information, education and communication campaigns on geohazards		17	64	90	20	61	118%	95%	68%		
OUTCOME INDICATOR 3:												
	Number of LGUs assessed for groundwater resources and vulnerability		7	48	50	10	49	143%	102%	98%		
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.)	5	69	80	7	74	140%	107%	93%	1 Malibcong, Abra 2 Nampicuan, Nueva Ecija 3 Coron, Palawan 4 Busuanga, Palawan 5 Bato, Catanduanes 6 Baras, Catanduanes	

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		This Mo.	To Date	Annual	This Mo.	To Date	% This	% To	%		
							Mo.	Date	Annual		
										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	Caoayan, Ilocos Sur
										23	Sinaít, 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, Bukidnon
										37	Pilar, Surigao del Norte
										38	Anda, Pangasinan
										39	Licab, Nueva Ecija
										40	Polillo Island, Quezon
										41	Burdeos, Quezon
										42	Panukulan, 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, Bukidnon
										51	Lingig, Surigao Del Sur
										52	Saguday, Quirino
										53	La Paz, Tarlac
										54	Kawit, Cavite
										55	Nueva Valencia, Guimaras
										56	Jimalalud, Negros Oriental
										57	Claveria, Misamis Oriental
										58	San Benito, Surigao del Norte
										59	Pagbilao, Quezon
										60	Alilem, Ilocos Sur
										61	Bulakan, Bulacan
										62	Santa Maria, Romblon
										63	Romblon, Romblon
										64	Buenavista, Guimaras
										65	Tampilisan, Zamboanga Del Norte
										66	San Isidro, Surigao del Norte
										67	Padre Burgos, Quezon
										68	Bakun, Benguet
										69	San Juan, Ilocos Sur
										70	Bagabag, Nueva Vizcaya

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	
										71 Obando, Bulacan 72 Duero, Bohol 73 Taft, Eastern Samar 74 Kalawit, Zamboanga del Norte
b. Updating of 1:10,000 scale Geohazard Maps	LGUs (cities/municipalities) assessed (no.)	5	69	80	7	75	140%	109%	94%	
c. Karst Subsidence Hazard Mapping and Assessment	LGUs (cities/municipalities) assessed (no.)	1	20	24	1	22	100%	110%	92%	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 12 Palanas, Masbate 13 San Benito, Surigao del Norte 14 Claveria, Masbate 15 Bucay, Abra 16 Diffun, Quirino 17 Atimonan, Quezon 18 Hinabangan, Samar 19 Godod, Zamboanga del Norte 20 Mawab, Davao de Oro 21 San Isidro, Surigao del Norte 22 Malabuyoc, Cebu
d. Disaster – affected city/municipality assessed	LGUs (cities/municipalities) assessed (no.)	1	7	12	3	11	300%	157%	92%	1 Imelda, Zamboanga Sibugay 2 Alabel, Sarangani 3 Calanasan, Apayao 4 Lopez, Quezon 5 Sogod, Southern Leyte 6 Santa Maria, Ilocos Sur 7 Banaue, Ifugao 8 Pamplona, Camarines Sur 9 Puerto Princesa City, Palawan 10 Laak, Davao de Oro 11 Tandag City, Surigao del Sur
e. Environmentally Critical Areas assessed for geohazards	LGUs (cities/municipalities) assessed (no.)	1	8	15	1	11	100%	138%	73%	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 9 Atimonan, Quezon 10 Pamplona, Camarines Sur 11 Laak, Davao de Oro
Conduct of IEC to LGUs (Intensive IEC Campaign on geohazard and VRA)	Seminars/Workshops conducted (no.)	17	64	90	20	61	118%	95%	68%	1 Angono, Rizal 2 Taytay, Rizal 3 San Miguel, Iloilo 4 Allen, Northern Samar 5 Rosario, Northern Samar 6 Lavezares, Northern Samar

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	
										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 29 Nagtipunan, Quirino; 30 Aglipay, Quirino 31 San Felipe, Zambales 32 San Narciso, Zambales 33 Alimodian, Iloilo 34 San Esteban, Ilocos Sur 35 Bantay, Ilocos Sur 36 Cordon, Isabela 37 Malinao, Aklan 38 Don Marcelino, Davao Occidental 39 Kiblawan, Davao del Sur 40 Padada, Davao del Sur 41 San Isidro, Davao del Norte 42 Lagangilang, Abra 43 Langiden, Abra 44 Licuan-Baay, Abra 45 Peñarrubia, Abra 46 Pilar, Abra 47 Sarrat, Ilocos Norte 48 Quezon, Nueva Vizcaya 49 Kasibu, Nueva Vizcaya 50 Cuenca, Batangas 51 Aborlan, Palawan 52 Narra, Palawan 53 Quezon, Palawan 54 Manito, Albay 55 Tiwi, Albay 56 Sagñay, Camarines Sur 57 Buhi, Camarines Sur 58 Nabua, Camarines Sur 59 Malita, Davao Occidental 60 San Juan, Metro Manila 61 Quezon City, Metro Manila Note MGB ROs: IEC originally scheduled on the last week of September but was postponed due to the unavailability of the LGU.
Printing of 1:10,000 scale maps	Geospatial maps printed (no.)	1,393	3,739	4,884	3,822	6,402	274%	171%	131%	

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.)	21	134	155	10	126	48%	94%	81%	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 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 Pamplona, 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

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	
										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 Dausi, Bohol
										71 Agno, Pangasinan
										72 Bani, Pangasinan
										73 Claveria, Cagayan
										74 Santa Praxedes, Cagayan
										75 Lemery, Batangas
										76 Calaca, Batangas
										77 Taal, Batangas
										78 Juban, Sorsogon
										79 Magallanes, Sorsogon
										80 Virac, Catanduanes
										81 Bato, Catanduanes
										82 San Jose, Antique
										83 Belison, Antique
										84 Basey, Samar
										85 Marabut, Samar
										86 Sta. Rita, Samar
										87 Paranas, Samar
										88 Maco, Davao de Oro
										89 Mabini, Davao de Oro
										90 Pantukan, Davao de Oro
										91 General Santos City, South Cotabato
										92 Malapatan, Sarangani
										93 Glan, Sarangani
										94 Bien Unido, Bohol
										95 Talibon, Bohol
										96 Buenavista, Bohol
										97 Inabanga, Bohol
										98 Calape, Bohol
										99 Loon, Bohol
										100 Panglao, Bohol
										101 Clarin, Bohol
										102 Dasol, Pangasinan
										103 Infanta, Pangasinan
										104 Alcantara, Romblon
										105 Sta. Maria, Romblon
										106 Romblon, Romblon
										107 Hamtic, Antique
										108 Tabuelan, Cebu
										109 Sindangan, Zamboanga del Norte
										110 Lugait, Misamis Oriental
										111 Manticao, Misamis Oriental
										112 Naawwan, Misamis Oriental
										113 Maasim, Sarangani
										114 Kiamba, Sarangani
										115 Maitum, Sarangani
										116 Palimbang, Sultan Kudarat
										117 Bangui, Ilocos Norte
										118 Dipolog City, Zamboanga del Norte
										119 Dapitan City, Zamboanga del Norte
										120 Initao, Misamis Oriental
										121 Libertad, Misamis Oriental
										122 Marihatag, Surigao del Sur
										123 Pio Duran, Albay
										124 Oas, Albay
										125 Ligao, Albay
										126 Libon, Albay
										Note MGB ROs: Activity is re-scheduled considering the recent weather disturbances.

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 Groundwater Resource Assessment	LGUs (cities/municipalities) assessed (no.)	7	48	50	10	49	143%	102%	98%	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 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 Hermani, Eastern Samar 29 Siay, Zamboanga Sibugay 30 Impasug-ong, Bukidnon 31 San Juan City, Metro Manila 32 Cabanatuan City, Nueva Ecija 33 Cabatuan, Iloilo 34 General MacArthur, Eastern Samar 35 Bagumbayan, Sultan Kudarat 36 Carmen, Surigao del Sur 37 Tanjay City, Negros Oriental 38 Lanuza, Surigao del Sur 39 Juban, Sorsogon 40 Cabugao, Ilocos Sur 41 San Juan, Ilocos Sur 42 Santo Domingo, Ilocos Sur 43 Baggao, Cagayan 44 Alcala, Cagayan 45 Bulalacao, Oriental Mindoro 46 Placer, Masbate 47 Alimodian, Iloilo 48 San Miguel, Iloilo 49 Casiguran, Sorsogon

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CY 2022 PHYSICAL ACCOMPLISHMENT REPORT
Mines and Geosciences Bureau - Central Office
September 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	% Annu		
1000000000000000	GENERAL ADMINISTRATION AND SUPPORT										
100000100001000	General Management and Supervision										
1	Administrative	Program Implementation Report (no.)	1	9	12	1	9	100%	100%	75%	
2	Financial Management Services	Program Implementation Report (no.)	1	9	12	1	9	100%	100%	75%	
100000100002000	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	Learning Events conducted (no.)	0	7	8	1	5	-	71%	63%	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 5 Training on Datasbase Management using Microsoft Excel
	c. Local Scholarship Program	Scholars monitored and managed (no.)	10	10	10	1	1	10%	10%	10%	
2000000000000000	SUPPORT TO OPERATIONS										
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	2	3	0	2	-	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	8	12	4	9	400%	113%	75%	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 6 MGB MC No. 2021-006: Safety and Health, Environment, and Social Development and Management Manual 7 DAO 2022-03: Revised IRR of RA No. 7076, otherwise known as the "People's Small-Scale Mining Act of 1991" 8 DAO 2022-04: Enhancing Biodiversity Conservation and Protection in Mining Operations 9 Draft DAO on the Proposed Amendments to the DAO 2010-21 or the Consolidated IRR of RA No. 7942 or The Philippine Mining Act

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	% Annu		
3	Coordinate with National and International Linkages	Linkages with NGAs/LGUs/stakeholders/International Organizations coordinated/participated (no.)	0	34	34	8	96	-	282%	282%	
4	Conduct investigation, provide legal assistance and resolve mine related cases	Hearings attended/Court Appearance (no.)	0	1	2	0	0	-	0%	0%	
		Investigation assisted (no.)	0	1	2	0	2	-	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	11	14	0	11	0%	100%	79%	
		Press releases/ conferences/ media interviews conducted (no.)	7	63	84	6	66	86%	105%	79%	
		Training/workshop/seminar conducted/attended/organized/coordinated (no.)	2	34	59	5	40	250%	118%	68%	
2	Generate Mineral Economics information/Publish and disseminate IEC materials	Statistics reports generated/ monitored/ validated (no.)	2	11	13	1	11	50%	100%	85%	
		Strategic Mineral Information Systems managed/developed/maintained (no.)	8	8	8	8	8	100%	100%	100%	
		Information materials generated/published/disseminated (no.)	521	4,648	6,212	520	4,676	100%	101%	75%	
200000100003000	Research and Development										
1	Research Studies on Mineral Resources and Geosciences Development (MRGD) Programs	Research/studies conducted (no.)	8	8	9	7	7	88%	88%	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
3000000000000000	OPERATIONS										
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			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										
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)									
		b. Other mining related permits									
		c. Declaration of Mining Project Feasibility (DMPF) acted upon (no.)									

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	Use It or Lose It Policy	Mining Applications with Final Action (no.)	6	54	71	1	51	17%	94%	72%	
	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	9	12	1	5	100%	56%	42%	1 Abba Deo multi-Purpose Cooperative (Chromite Gold: 19.9997 Has.) in Brgy. Seriac and Canibongan, Dumingag, Zamboanga del Sur, RO-IX
											2 Impahanong-Amusig Higaonon Tribal Community Organization (IAHTCO) (Chromite: 52.8455 Has.) in Sitio Kagahaman, Brgy. San Luis, Malitbog, Bukidnon, RO-X
	Mining Industry Development Program										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)
	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:									5 Bgy. Mapulot, Tagkawayan, Quezon (Gold: 82.93 Has.)
		a. Work Program/Terms and Conditions/Requirements									
		Regional Office system audited for WP (no.)	2	12	15	5	9	250%	75%	60%	1 MGB Region 3
											2 MGB Region 4
											3 MGB Region 13
										4 MGB Region 1	
										5 MGB Region 11	
										6 MGB Region 2	
										7 MGB Region 8	
										8 MGB Region 7	
										9 MGB Region 5	
	MPP Compliance audited (no.)	0	3	20	5	52	-	1733%	260%		
	b. Safety, Health, Environment and Social Development (SHES) Programs										
	Regional Office system audited for SHES (no.)	0	15	15	0	15	-	100%	100%	1 MGB Region 3	
										2 MGB Region 6	
										3 MGB CAR	
										4 MGB Region 9	
										5 MGB Region 8	
										6 MGB Region 13	
										7 MGB Region 12	
										8 MGB MIMAROPA	
										9 MGB Region 2	
										10 MGB Region 4	
										11 MGB Region 10	
										12 MGB Region 1	
										13 MGB Region 5	
										14 MGB Region 7	
										15 MGB Region 11	
3	Mine Rehabilitation Program										
	a. Palawan Quicksilver Mines, Inc. (PQMI)										
		Project Supervision and Monitoring Conducted (no.)	0	1	2	0	1	-	100%	50%	
		Studies conducted (no.)	0	2	2	0	0	-	0%	0%	
		IEC and Institutional Mechanism (ERDB)	0	5	11	8	8	-	160%	73%	
		Audit of the implementation of interim rehabilitation measures (no.)	1	3	4	0	0	0%	0%	0%	
	Monitoring of the implementation of interim rehabilitation measures (no.)	1	3	4	0	1	0%	33%	25%		
	b. Other Abandoned/Inactive/Closed Mines										
	Other Abandoned Mines monitored (no.)	5	10	10	1	2	20%	20%	20%		
	c. Marcopper										
	Monitoring reports submitted (no.)	0	1	2	0	1	-	100%	50%		
4	Resolution of Complaints/Cases/Conflicts										
	a. Complaints/cases/conflicts investigated/resolved	MGB	2	6	7	1	7	50%	117%	100%	1 Investigation on the alleged seabed quarrying activities in Verde Passage between Batangas Coast and Fortune Island

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	% Annu	
										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
										5 Maricalum Mining Corporation, (Jul 26-29)
										6 Investigation on the alleged illegal extraction of Gravel and Sand by Hexing Stone Field Aggregates Corp. (Aug. 30-Sept 3)
	Mines Adjudication Board Cases deliberated (no.)	1	9	12	0	5	0%	56%	42%	
	Mines Adjudication Board Cases decided-Original Appeal (no.)	1	4	6	0	1	0%	25%	17%	
	Mines Adjudication Board Case Resolved - Motions (no.)	0	3	3	0	1	-	33%	33%	
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.)									
310200000000000	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			1						0%
OUTPUT INDICATOR 1										
	Percentage of Total Philippine area surveyed for geology and mineral potential	0.40%	0.90%	0.90%	0.20%	0.70%	50%	78%	78%	
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									
2	National Mineral Reservation Program									
	Research and Development/Special Projects									
	Areas assessed and studied for REE (no.)	0	1	2	0	1	-	100%	50%	Homonhon, Eastern Samar
	Mineral Assessment of River Systems									
	Major river systems assessed (line km.)	0	5	5	0	8	-	160%	160%	Santo Tomas River (8 line-kms)
	Advance Exploration									
	Areas assessed (no.)	0	2	2	0	1	-	50%	50%	Sta Ines
	Areas assessed for critical/strategic minerals (hectares)	0	1	2	0	0	-	0%	0%	
3	Geologic Mapping									
	Geological Mapping and Surveys - Quadrangle Mapping									
	Quadrangles surveyed (no.)	4	9	9	2	7	50%	78%	78%	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
										5 OZAMIS CITY 3744-II, Lanao del Norte
										6 SAN FERMIN 4241-I, Davao Oriental
										7 TARRAGONA 4241-II, Davao Oriental
	Geologic Reports with Maps prepared (no.)	1	5	9	2	4	200%	80%	44%	
	Mineral prospects/deposits inventoried (no.)	20	45	45	0	20	0%	44%	44%	
	Provision of Laboratory Services									
	Samples analyzed (no.)	458	4,107	5,476	1,905	8,894	416%	217%	162%	
	Determinations made (no.)	28,562	257,070	342,800	67,677	455,134	237%	177%	133%	
	Mineral Exploration									
	Area surveyed (no.)	1	1	1	1	1	100%	100%	100%	1 Suyoc, Benguet

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	Offshore Exploration	Geophysical and Geological assessment (no.)	0	1	2	1	1	-	100%	50%	1 Phil. Rise
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		0	3	7	0	5	-	167%	71%	
OUTCOME INDICATOR 2:											
	Number of LGUs (cities/municipalities) provided with information, education and communication campaigns on geohazards		0	10	15	2	8	-	80%	53%	
OUTCOME INDICATOR 3:											
	Number of LGUs assessed for groundwater resources and vulnerability		0	4	5	1	5	-	125%	100%	
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	5	-	167%	71%	1 Cacaoan, Ilocos Sur 2 Sinait, Ilocos Sur 3 Cabugao, Ilocos Sur 4 Pagbilao, Quezon 5 Padre Burgos, Quezon
	b. Updating of 1:10,000 scale Geohazard Maps	LGUs (cities/municipalities) assessed (no.)	0	3	7	0	5	-	167%	71%	
	c. Karst Subsidence Hazard Mapping and Assessment	LGUs (cities/municipalities) assessed (no.)	0	3	3	0	3	-	100%	100%	1 Prieto Diaz, Sorsogon 2 Gubat, Sorsogon 3 Claveria, Masbate
	Conduct of IEC to LGUs (Intensive IEC Campaign on geohazard and VRA)	Seminars/Workshops conducted (no.)	0	10	15	2	8	-	80%	53%	1 Puerto Princesa City, Palawan 2 Loreto, Agusan del Sur 3 Cebu City, Cebu 4 Consolacion City, Cebu 5 Talisay City, Cebu 6 Naga City, Cebu 7 San Juan, Metro Manila 8 Quezon City, Metro Manila
	Printing of 1:10,000 scale maps	Geospatial maps printed (no.)	0	330	495	2,846	3,627	-	1099%	733%	
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.)	12	32	43	4	26	33%	81%	60%	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

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 Groundwater Resource Assessment										10 La Libertad, Negros Oriental 11 Guihulngan City, Negros Oriental 12 Vallehermoso, Negros Oriental 13 Maribojoc, Bohol 14 Daus, Bohol 15 Bien Unido, Bohol 16 Talibon, Bohol 17 Buenavista, Bohol 18 Inabanga, Bohol 19 Calape, Bohol 20 Loon, Bohol 21 Panglao, Bohol 22 Clarin, Bohol 23 Pío Duran, Albay 24 Oas, Albay 25 Ligao, Albay 26 Libon, Albay
											1 Mandaluyong City, Metro Manila 2 Irosin, Sorsogon 3 San Juan City, Metro Manila 4 Juban, Sorsogon 5 Casiguran, Sorsogon

Prepared by:



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 Director

CY 2022 PHYSICAL ACCOMPLISHMENT REPORT
Mines and Geosciences Bureau - Regional Offices
September 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	OPERATIONS										
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	491	3,099	3,764	508	3,585	103%	116%	95%		
	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)	22	77	135	36	85	164%	110%	63%		
	b. Other mining related permits	468	3,021	3,624	509	3,581	109%	119%	99%		
	c. Declaration of Mining Project Feasibility (DMPF) acted upon (no.)	1	1	5	0	1	-	100%	20%		
	Use It or Lose It Policy										
	Mining Applications with Final Action (no.)	37	145	229	35	177	95%	122%	77%		
	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.)	10	67	89	8	75	80%	112%	84%		
	Declared Minahang Bayan sites monitored (no.)	5	36	44	3	43	60%	119%	98%		
	Potential Minahang Bayan sites assessed (no.)	4	12	15	2	11	50%	92%	73%		1 Brgy. Langkub, Libertad, Misamis Oriental 2 Sitio Matanday, Brgy. Sta Barbara, Iba, Zambales 3 Brgy. Fatima, Liloan, Southern Leyte 4 Sibalay City, Negros Occidental 5 Sibutad, Zamboanga del Norte 6 Brgy. Calitlitan, Umingan, Pangasinan 7 T'boli, South Cotabato 8 Luklukan Norte, Jose Panganiban, Camarines Norte 9 Rizal, Talibon, Bohol 10 Manurigao SSM Association-Manurigao, New Bataan, 11 Gacub Settlers Multi- Purpose Cooperative (GSMPC), Delayed Minahang Bayan (MB) assessment is due to intervening activities, hence it was re-scheduled in the last quarter.
	Proposed Minahang Bayan sites endorsed to DENR through MGBCO (no.)	1	3	12	1	7	100%	233%	58%		1 PSSM of Albor Small Scale Mining Cooperative located in Brgy. Gen. Aguinaldo, Libjo, Dinagat Island 2 SUSSMICO Don Perfecto, Roseller Lim, Zamboanga Sibuaav 3 Baduat Indigenous Minahang Bayan Association in Conner, Apavao 4 Laylaya Cultural Community at Laylaya, Besao Mt. Province. 5 MB of Mike Armando Wilson and Sotto Wilson located at Brgy Dumaqaas, in Boliney, Abra

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	Declared Minahang Bayan (MB) - PDP Target (no.)	0	1	5	0	4	-	400%	80%	6 MB of Benguet Federation of SSMiners Association-Tuba Parcel 8, Tuba, Benguet 7 Minahang Bayan (MB) of Fludi Tuan, Tboli, South Cotabato		
		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 Apavao 3 Declared MB of Mr. Roman Austudillo located in Eva Garden, Calanasan, Apavao 4 PMRB Sultan Kudarat declared MB area of Dulajian Nor in Bai Saripinang, Baqumbayan, Sultan Kudarat 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.)	42	280	364	45	305	107%	109%	84%			
		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	Mining Rights audited (no.) as to compliance with: a. Work Program/Terms and Conditions/Requirements	58	534	613	54	574	93%	107%	94%		
			b. Safety, Health, Environment and Social Development (SHES) Programs	58	534	613	59	579	102%	108%	94%		
			Monitoring Report on Mining Forest Program (MFP) submitted (no.)	1	24	30	2	27	200%	113%	90%		
			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	58	512	646	60	549	103%	107%	85%	
		3	Mine Rehabilitation Program										
		4	Resolution of Complaints/Cases/Conflicts										
	a. Complaints/cases/conflicts investigated/resolved	MGB	17	123	148	28	191	165%	155%	129%			
		Panel of Arbitrators											
		Panel Decided	3	6	17	1	4	33%	67%	24%			
		Panel Resolve	3	4	10	1	4	33%	100%	40%			
		Quarterly Accomplishment/Inventory Report of the Panel of Arbitrators	11	45	60	10	45	91%	100%	75%			
	b. Assistance to PENRO/CENRO by embedded personnel	Preliminary investigation conducted with report submitted to RD (no.)	22	155	204	25	201	114%	130%	99%			
		Anti-Illegal Mining Campaign											
		Illegal Mining Sites with Cease and Desist Order (CDO) issued/implemented (no.)	10	49	68	28	118	280%	241%	174%			
		Confiscation/Release order issued (no.)	3	6	14	0	9	0%	150%	64%			
		Complaints/Charges filed with the Provincial Prosecutors Office (no.)	3	9	26	4	12	133%	133%	46%			
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		5	8	11	2	7	40%	88%	64%			
OUTPUT INDICATOR 1													
	Percentage of Total Philippine area surveyed for geology and mineral potential		0.10%	4.20%	4.50%	0.40%	4.40%	400%	105%	98%			
OUTPUT INDICATOR 2													
	Number of new mineral reservation areas assessed/endorsed for declaration												

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	
310200100001000	Program 2: Mineral Resources and Geosciences									
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.)	7	57	68	6	73	86%	128%	107%
		Radio/TV Guestings (no.)	4	49	66	6	83	150%	169%	126%
		Press Releases/Photo Releases/Feature Stories (no.)	30	270	360	34	326	113%	121%	91%
		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	270	360	41	372	137%	138%	103%
		IEC materials/collaterals (caps, t-shirts, masks, etc.) produced/ reproduced/distributed (including climate change) (no.)	1,575	6,475	7,500	359	8,093	23%	125%	108%
		Statistics reports submitted to MGBCO (no.)	0	375	480	0	376	-	100%	78%
		Maps/Map Info Database submitted to MGBCO (no.)	30	270	360	28	268	93%	99%	74%
		MRGD reports submitted to MGBCO (no.)	30	405	525	29	402	97%	99%	77%
	Capacity Building Program on MRGD Laws, Rules and Regulations	Trainings conducted/coordinated/participated on (no.)								
		a. MGB Personnel	9	46	63	7	56	78%	122%	89%
		a.1. Participants to workshops, seminars, trainings, and webinars related to Mineral Economics, Mineral Statistics and Website conducted/coordinated by the MGB CO (no.)	0	45	45	0	0	-	0%	0%
		b. LGUs and Other Stakeholders	5	22	25	1	34	20%	155%	136%
		c. Small Scale Miners	7	24	30	8	31	114%	129%	103%
	National and International Linkages	Linkages coordinated (no.)	15	135	180	21	140	140%	104%	78%
2	National Mineral Reservation Program									
	Upgrading and Development of Existing Mineral Reservation Areas	Existing Mineral Reservation areas monitored and upgraded (no.)	0	2	8	1	3	-	150%	38%
										1 Zambales Chromite Mineral Reservation (Parcel II) 2 Diwalwal Mineral Reservation 3 Biak-na-Bato Mineral Reservation, DRT, Bulacan
	Establishment of New Mineral Reservations	New mineral reservation areas assessed/endorsed for declaration (no.)	0	3	8	0	4	-	133%	50%
										1 Semi-detailed geologic mapping and geo chemical sampling in Balamban, Cebu 2 Dinapigue, Isabela 3 Municipalities of San Remigio, Sibalom, Patnongon, and Belison, Province of Antique 4 Block 2 of Parcel 3 - Western Misamis Oriental
	Research and Development/Special Projects	Areas assessed and studied for REE (no.)								
	Mineral Assessment of River Systems	Major river systems assessed (line km.)	10	30	75	16	92	160%	307%	123%
										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 Abulog River, Ifugao (6 line- kms) 6 Iponan River, Cagayan de Oro (5 line-kms) 7 Bislak River, Ilocos Norte (26 Km) 8 Mogpog River, Mogpog, Marinduque (1 Km) 9 Talinga River, Zamboanga del Norte (10 Km) 10 Allah River, South Cotabato (5 Km)
										*Bagongbong River, Ormoc City, Leyte (1.16 line-kms)
3	Geologic Mapping									
	Geological Mapping and Surveys - Quadrangle Mapping	Quadrangles surveyed (no.)	1	42	45	4	44	400%	105%	98%
										1 Danac (3172-II) 2 Bagolibud Point (3442-I)

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	
										3 Caburan (4137-IV)
										4 Culion (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 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 Siocon Quad (3443-III)
										29 Kabayawa Quad (4039-II)
										30 Malungun Quad (4038-I)
										31 Carmen Quad (4247 IV)
										32 Quili Quad (3171-I)
										33 Kumalisquis Quad (3651-I)
										34 Coronado Quad (3443-IV)
										35 Margus Grande Quad (4036-I)
										36 Talagutong Quad (4138-IV)
										37 Mt. Matutum Quad (4039-III)
										38 San Jose de Buan Quad (4056-III)
										39 Banga Quad (3939-II)
										40 Talacogon Quad (4145 II)
										41 Bontoc Quad (3171-II)
										42 Minapasoc Quad (3652-II)
										43 Kalian Quad (4138-III)
										44 Socorro Quad (4148-I)
	Geologic Reports with Maps prepared (no.)	2	20	45	7	24	350%	120%	53%	
	Field Updating of Geologic Maps-Quadrangles updated (no.)	0	10	10	0	10	-	100%	100%	
										1 Baler (3367-III)
										2 Bagac (3063-I)
										3 San Antonio (3064-IV)
										4 San Narciso (3065-III)
										5 Santa Juliana (3065-I)
										6 Maniwaya (3460-IV)
										7 Libjo (3365-II)
										8 Bugallon Quad (3061-IV)
										9 Ulalikan Point Quad (3265-II)
										10 Lingayen Quad (3068-III)
	Updating Geologic Reports with Maps prepared (no.)	0	9	10	0	9	-	100%	90%	
	Existing 1:50,000 scale geologic maps printed (no.)	6	25	64	7	31	117%	124%	48%	
	Mineral prospects/deposits inventoried (no.)	8	184	280	25	231	313%	126%	83%	
Provision of Laboratory Services	Samples analyzed (no.)	226	1,603	2,130	299	2,772	132%	173%	130%	
	Determinations made (no.)	13,785	116,017	152,710	26,105	306,992	189%	265%	201%	
Mineral Resource Inventory	Provincial Resource Maps updated and submitted to MGBCO (no.)	0	1	15	0	2	-	200%	13%	

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	Offshore Exploration	Geophysical and Geological assessment (no.)									
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	5	66	73	7	69	140%	105%	95%		
OUTCOME INDICATOR 2:											
	Number of LGUs (cities/municipalities) provided with information, education and communication campaigns on geohazards	17	54	75	18	53	106%	98%	71%		
OUTCOME INDICATOR 3:											
	Number of LGUs assessed for groundwater resources and vulnerability	7	44	45	9	44	129%	100%	98%		
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.)	5	66	73	7	69	140%	105%	95%	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

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	
										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 49 Saguday, Quirino 50 La Paz, Tarlac 51 Kawit, Cavite 52 Nueva Valencia, Guimaras 53 Jimalalud, Negros Oriental 54 Claveria, Misamis Oriental 55 San Benito, Surigao del Norte 56 Aillem, Ilocos Sur 57 Bulakan, Bulacan 58 Santa Maria, Romblon 59 Romblon, Romblon 60 Buenavista, Guimaras 61 Tampilisan, Zamboanga Del Norte 62 San Isidro, Surigao del Norte 63 <i>Bakun, Benguet</i> 64 <i>San Juan, Ilocos Sur</i> 65 <i>Bagabag, Nueva Vizcaya</i> 66 <i>Obando, Bulacan</i> 67 <i>Duero, Bohol</i> 68 <i>Taft, Eastern Samar</i> 69 <i>Kalawit, Zamboanga del Norte</i>
b. Updating of 1:10,000 scale Geohazard Maps	LGUs (cities/municipalities) assessed (no.)	5	66	73	7	70	140%	106%	96%	
c. Karst Subsidence Hazard Mapping and Assessment	LGUs (cities/municipalities) assessed (no.)	1	17	21	1	19	100%	112%	90%	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 10 Palanas, Masbate 11 San Benito, Surigao del Norte 12 Bucay, Abra 13 Diffun, Quirino 14 Atimonan, Quezon 15 Hinabangan, Samar 16 Godod, Zamboanga del Norte 17 Mawab, Davao de Oro 18 San Isidro, Surigao del Norte 19 <i>Malabuyoc, Cebu</i>
d. Disaster – affected city/municipality assessed	LGUs (cities/municipalities) assessed (no.)	1	7	12	3	11	300%	157%	92%	1 Imelda, Zamboanga Sibugay 2 Alabel, Sarangani 3 Calanasan, Apayao 4 Lopez, Quezon

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	
e. Environmentally Critical Areas assessed for geohazards	LGUs (cities/municipalities) assessed (no.)	1	8	15	1	11	100%	138%	73%	5 Sogod, Southern Leyte 6 Santa Maria, Ilocos Sur 7 Banaue, Ifugao 8 Pamplona, Camarines Sur 9 Puerto Princesa City, Palawan 10 Laak, Davao de Oro 11 Tandag City, Surigao del Sur
	Seminars/Workshops conducted (no.)	17	54	75	18	53	106%	98%	71%	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 9 Atimonan, Quezon 10 Pamplona, Camarines Sur 11 Laak, Davao de Oro
Conduct of IEC to LGUs (Intensive IEC Campaign on geohazard and VRA)										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 Nagtipunan, Quirino; 24 Aglipay, Quirino 25 San Felipe, Zambales 26 San Narciso, Zambales 27 Alimodian, Iloilo 28 San Esteban, Ilocos Sur 29 Bantay, Ilocos Sur 30 Cordon, Isabela 31 Malinao, Aklan 32 Don Marcelino, Davao Occidental 33 Kiblawan, Davao del Sur 34 Padada, Davao del Sur 35 San Isidro, Davao del Norte 36 Lagangilang, Abra 37 Langiden, Abra 38 Licuan-Baay, Abra 39 Peñarrubia, Abra 40 Pilar, Abra 41 Sarrat, Ilocos Norte 42 Quezon, Nueva Vizcaya

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		
										43 Kasibu, Nueva Vizcaya 44 Cuenca, Batangas 45 Aborlan, Palawan 46 Narra, Palawan 47 Quezon, Palawan 48 Manito, Albay 49 Tiwi, Albay 50 Sagñay, Camarines Sur 51 Buhi, Camarines Sur 52 Nabua, Camarines Sur 53 Malita, Davao Occidental	
										Note: R6: IEC originally scheduled on the last week of September but was postponed due to the unavailability of the LGU. R13: The GHEGs team prioritized the conduct of Geohazard Assessment of disaster affected area in Tandag City. The conduct of IEC will be moved to the month of October.	
	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.)	1,393	3,409	4,389	976	2,775	70%	81%	63%	
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.)	9	102	112	6	100	67%	98%	89%	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 Baler, 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

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		This Mo.	To Date	Annual	This Mo.	To Date	% This	% To	%		
							Mo.	Date			Annual
										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
										57	Agno, Pangasinan
										58	Bani, Pangasinan
										59	Claveria, Cagayan
										60	Santa Praxedes, Cagayan
										61	Lemery, Batangas
										62	Calaca, Batangas
										63	Taal, Batangas
										64	Juban, Sorsogon
										65	Magallanes, Sorsogon
										66	Virac, Catanduanes
										67	Bato, Catanduanes
										68	San Jose, Antique
										69	Belison, Antique
										70	Basey, Samar
										71	Marabut, Samar
										72	Sta. Rita, Samar
										73	Paranas, Samar
										74	Maco, Davao de Oro
										75	Mabini, Davao de Oro
										76	Pantukan, Davao de Oro
										77	General Santos City, South Cotabato
										78	Malapatan, Sarangani
										79	Glan, Sarangani
										80	Dasol, Pangasinan
										81	Infanta, Pangasinan
										82	Alcantara, Romblon
										83	Sta. Maria, Romblon
										84	Romblon, Romblon
										85	Hamtic, Antique
										86	Tabuelan, Cebu
										87	Sindangan, Zamboanga del Norte
										88	Lugait, Misamis Oriental
										89	Manticao, Misamis Oriental
										90	Naawwan, Misamis Oriental
										91	Maasim, Sarangani
										92	Kiamba, Sarangani
										93	Maitum, Sarangani
										94	Palimbang, Sultan Kudarat
										95	Bangui, Ilocos Norte
										96	Dipolog City, Zamboanga del Norte
										97	Dapitan City, Zamboanga del Norte
										98	Initao, Misamis Oriental
										99	Libertad, Misamis Oriental
										100	Marihatag, Surigao del Sur

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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.)	7	44	45	9	44	129%	100%	98%	<p>Note: MIMAROPA: Activity is re-scheduled on the first half of October considering the recent weather disturbances. R13: The GHEGs team prioritized the conduct of Geohazard Assessment of disaster affected area in Tandag City. The conduct of IEC will be moved to the month of October.</p> <p>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 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 Bontoc, Mountain Province 25 Cataingan, Masbate 26 Heman, Eastern Samar 27 Siay, Zamboanga Sibugay 28 Impasug-ong, Bukidnon 29 Cabanatuan City, Nueva Ecija 30 Cabatuan, Iloilo 31 General MacArthur, Eastern Samar 32 Bagumbayan, Sultan Kudarat 33 Carmen, Surigao del Sur 34 Tanjay City, Negros Oriental 35 Lanuza, Surigao del Sur 36 Cabugao, Ilocos Sur 37 San Juan, Ilocos Sur 38 Santo Domingo, Ilocos Sur 39 Baggo, Cagayan 40 Alcala, Cagayan 41 Bulalacao, Oriental Mindoro 42 Placer, Masbate 43 Alimodian, Iloilo 44 San Miguel, Iloilo</p>

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