

CY 2021 EXTERNAL ACCOMPLISHMENT REPORT
Mines and Geosciences Bureau
December 31, 2021

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	
											<div>1 Prime HRM Focus Group Discussion & Workshop</div> <div>2 Administrative Workshop</div> <div>3 Basic Occupational Safety and Health Training</div> <div>4 Training on Behavioral Event Interview</div> <div>5 Basic Excel Online Training</div> <div>6 Effective Business Writing Training</div> <div>7 Cascading MGB Guidelines and DENR Monitoring and Evaluation</div> <div>8 Capacity Building for Drivers</div> <div>9 Leadership Development Program</div> <div>- Dissemination and recruitment were conducted for MGB CO & ROs for SY 2021-2022 to start bet. June to Aug. 2021; to date, only 1 applicant was qualified. Virtual Orientation re: Post-graduate Local Scholarship programs to Section Chiefs of MGB CO and ROs was conducted on Oct. 14, 2021</div>
A.01 - GENERAL ADMINISTRATION AND SUPPORT SERVICES											
A.01.a	General Management and Supervision										
1	Administrative	Program Implementation Report (no.)	1	12	12	1	12	100%	100%	100%	
2	Financial Management Services	Program Implementation Report (no.)	1	12	12	1	12	100%	100%	100%	
A.01.b	Human Resource Development										
1	Human Resource Development Service										
	a. Program Monitoring and Evaluation	Program Implementation Report (no.)	1	12	12	1	12	100%	100%	100%	
	b. Training and Career Development Program	Learning Events conducted (no.)	1	7	7	0	9	0%	129%	129%	
	c. Local Scholarship Program	Scholars monitored and managed (no.)	10	10	10	1	1	10%	10%	10%	
A.02 - SUPPORT TO OPERATIONS											
A.02.a	Planning and Policy Formulation										
1	Prepare/review/update/revise/monitor and evaluate Short-Term to Long-Term plans for MRGS programs/projects	Plans prepared(no.)	0	3	3	0	3		100%	100%	
		Program implemented/monitored (no.)	1	12	12	1	12	100%	100%	100%	
2	Formulate, review/revise, develop and implement mineral policies and guidelines	Policies/Guidelines reviewed/endorsed to DENR (no.)	0	8	8	0	11		138%	138%	
										<div>1 Clarificatory Guidelines on the Grounds for Revision of the Environmental Protection and Enhancement Program/Final Mine Rehabilitation/Decommissioning Plan (FMRDP)</div> <div>2 Expanding the Coverage of Project Implementation under Section III of Environmental Management Bureau (EMB) Memorandum Circular (MC) No. 2020-31</div> <div>3 An Act on Promoting the Development of Minerals Processing and Value-Adding (Draft Bill)</div> <div>4 Implementing Rules and Regulations of Executive Order No. 130</div> <div>5 Proposed Guidelines on the Qualifications of MEPEOs</div> <div>6 Proposed Extension on the Effectivity Provision of DAO 2019-19 or the Guidelines on the Disposition of Residual Stockpiles</div> <div>7 Clarificatory Guidelines on EPEP validity</div>	

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3	Coordinate with National and International Linkages	Linkages with NGAs/LGUs/stakeholders/International Organizations coordinated/participated (no.)	20	34	34	29	80	145%	235%	235%	8 Guidelines for the Automatic Renewal of the Exploration Permit/Period and the Timely Filing of DMPF under the EP, MPSA, FTAA, and Similar Mining Tenements (released and signed as DAO 2021-12) 9 Draft DAO re: Guidelines on Establishing Enhanced Design Parameters and Criteria for the Types of Surface Mining Methods to be Implemented under Declaration of Mining Project Feasibility 10 Draft DAO re: Harmonizing the Mining Operations of an Operator Under a Mining Tenement 11 Draft DAO re: Lifting of the Ban on the Open Pit Method of Mining for Copper, Gold, Silver and Complex Ores in the Country Under DENR Administrative Order No. 2017-10
4	Conduct investigation, provide legal assistance and resolve mine related cases	Decision/Resolution/Order Issued (no)	2	6	6	2	3	100%	50%	50%	- The decision in 1 confiscation appeal was drafted but not yet released considering the ongoing evaluation in view of the pendency of a case filed in Regular Court as per update from the MGB Regional Office VII; while for the 2 Other Confiscation Appeals, further review on the legal issues raised on appeal is being undertaken by the Legal Officer in charge. Dec 22, 2021 Re: Memo to MeTD as OIC-AD re: Decision in MGBCO Case No. 002-19, formerly Case No. 2019-MGBROIX-004, entitled "ESR CONSTRUCTION AND DEVELOPMENT CORPORATION, Represented by ENGR. CRISANTO S. SAPIPE, JR., Appellant versus OFFICE OF THE OIC-REGIONAL DIRECTOR IX, MGB, Appellee Dec 22, 2021 Re: Memo to MeTD as OIC-AD re: Decision in MGBCO Case No. 004-19, formerly Case No. 2018-MGBROIX-004 entitled "RUDHIL CONSTRUCTION and ENTERPRISES, INC., Respondent-Appellant versus DENR-MGB-ROIX, Complainant-Appellee
		ENR-Related Complaints Investigated (no.)	0	2	2	0	0		0%	0%	
A.02.b	Mineral Economics, Information and Publication										- This is a demand-driven activity; the target was based on the 3 year historical data of LSD. For 2021, there was no ENR-related complaint/s referred for investigation from the Office of the Director, hence, the target cannot be accomplished. There being none, is a positive view that the anti-mining sentiments/non-compliance with the regulatory laws, rules and regulations are satisfied/complied with thru MGBs proactive measures on responsible mining and advocacy campaign
1	Conduct Awareness and Advocacy on Mineral Resources and Geosciences Development (MRGD)	IEC conducted/organized/participated (no.)	1	13	14	0	23	0%	177%	164%	
		Press releases/ conferences/ media interviews conducted (no.)	1	5	6	0	15	0%	300%	250%	
		Training/workshop/seminar conducted/attended/organized/coordinated (no.)	3	45	45	20	137	667%	304%	304%	
2	Generate Mineral Economics information/Publish and disseminate IEC materials	Statistics reports generated/ monitored/ validated (no.)	2	13	13	2	13	100%	100%	100%	
		Strategic Mineral Information Systems managed/developed/maintained (no.)	8	8	8	8	8	100%	100%	100%	
		Information materials generated/published/disseminated (no.)	520	6,212	6,212	523	6,222	101%	100%	100%	
											- 500 copies of Primer on MGB Profile - 500 copies of Primer on FTAA - 500 copies of Gold Commodity Profile; 20 Info kits - 500 copies of Nickel Commodity Profile; 20 Info kits

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A.02.c	Research and Development										<div><div>- 500 copies of Silver Commodity Profile; 20 Info kits; 1 Short Video on the Uses/Importance of Minerals</div><div>- 500 copies of Information Materials (Digital Copy) provided to the participants of the "Stakeholder's Forum on Understanding Recent Policy Issuances relating to mining"; 1 Mineral Gazette; 1 Mining Facts & Figures updated; 3 Commodity profiles updated (Nickel, Copper and Limestone); 25 Info kits</div><div>- 500 copies of Primer on Small Scale Mining Act; 25 Info kits</div><div>- 500 copies of Primer on Quickfacts about Mining; 20 Info kits</div><div>- 500 copies of Primer on Quickfacts about Mining; 20 Info kits</div><div>- 500 copies of Chromite Commodity Profile; 20 Info kits; Short video presentation on the Philippine Mining Industry; & Short Video presentation on the Functions of MGB</div><div>- 500 Copies of Mineral Production Sharing Agreement (MPSA); 20 Info kits; 1 Chromite Commodity Profile updated</div><div>- 500 Copies of Revised Implementing Rules and Regulations of RA 7076 'Peoples Small Scale of 1991"; 20 Info kits; Gold & Silver Commodity Profile updated; CY 2022 MGB Calendar</div></div>		
	1	Research Studies on Mineral Resources and Geosciences Development (MRGD) Programs	Research/studies conducted (no.)	9	9	9	9	9	100%	100%		100%	<div>1 Recovery of Nickel, Cobalt, Iron and Rare Earth Elements from Low Grade Philppine Laterite Ores using Atmospheric Leaching with Reduction Pre-treatment</div> <div>2 Extraction of Vanadium from Iron Sand Deposits</div> <div>3 Technical Study on the use Synthesized Laterite Iron Sand as Feeds Material Shaft Furnace Iron Making Technology</div> <div>4 Recovery of Scandium from Laterite-based Pig Iron Slag by Dry Digestion and Precipitation Methods</div> <div>5 Research on the Cenozoic Stratigraphy of the Philippines</div> <div>6 Ground and Sediment Control in Nickel Mining Operations</div> <div>7 Application of Remote Sensing on Disturbed areas in Operating Surface Mines</div> <div>8 Development of Success Indicator in the Implementation of the Environmental Protection and Enhancement Program (EPEP)</div> <div>9 Comparison Between Rehabilitation Practices of Nickel Mines Using LFA</div>
A.03 - OPERATIONS													
001: NATURAL RESOURCES SUSTAINABLY MANAGED - PROGRAM 1: MINERAL RESOURCES ENFORCEMENT AND REGULATORY PROGRAM													
OUTCOME INDICATOR 1													
	Percentage increase in the revenues of government from mineral resources development				10%								
OUTCOME INDICATOR 2													
	Percentage of monitored mining permits/contracts complying with laws, rules and regulations				75%								
OUTPUT INDICATOR 1													
	Mining applications (including other mining rights related applications) approved/denied/endorsed within the prescribed period		64	3,646	3,646	359	4,805	561%	132%	132%			
OUTPUT INDICATOR 2													
	Number of mining permits/contracts monitored		0	1,030	1,030	9	1,122		109%	109%			

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Program 1	Mineral Resources Enforcement and Regulatory Program										<p><i>Region 5: The remaining target of one (1) DMPF for MPSA No. 308-2009-V was not achieved due to the constraints on the existing pandemic protocols encountered by the company is securing the requirements from LGUs and other government agencies</i></p> <p><i>Region MIMAROPA: PMRB Marinduque is currently not operational in view of the temporary take-over of of the Provincial Government of Marinduque over the commercial sand and gravel activities (Reso. 32, s. 2019)</i></p>
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.)	64	3,646	3,646	385	4,911	602%	135%	135%	
		a. Agreements/contracts/permits (FTAA/MPSA/EP/ISAGP/SSMP/MPP)	2	75	75	23	87	1150%	116%	116%	
		b. Ore Transport Permit (OTP)/Certification	47	2,588	2,588	293	3,521	623%	136%	136%	
		c. Declaration of Mining Project Feasibility (DMPF) acted upon (no.)	0	4	4	1	3		75%	75%	
		d. Other mining related permits	15	979	979	68	1,300	453%	133%	133%	
	Use It or Lose It Policy	Mining Applications with Final Action (no.)	5	156	156	26	190	520%	122%	122%	
	Development of Small-Scale Mining - Assistance to Provincial/City Mining Regulatory Board (P/CMRB)/LGUs/Other Stakeholders	Inventory of Peoples Small-Scale Mining (PSSM)/Minahang Bayan(MB) Areas, and Quarry/Sand and Gravel (SAG)/Small-Scale Mining (SSM) Sites (no.)	1	89	89	1	89	100%	100%	100%	
		Proposed Minahang Bayan sites endorsed to DENR through MGBCO (no.)	2	16	16	0	16	0%	100%	100%	
		Declared Minahang Bayan Sites Monitored (no.)	0	35	35	0	42		120%	120%	
		P/CMRBs maintained/operationalized/reconstituted (no.)	88	88	88	87	87	99%	99%	99%	
2	Mining Industry Development Program										
	Monitoring/Audit of Mining Permits/Contracts/Leases/ Claims/JOAs (including those within Mineral Reservations) as to compliance with the Terms and Conditions/Requirements and implementation of approved Work Program/Safety, Health, Environmental and Social Development Programs	Mining Rights monitored (no.) as to compliance with:									<p>1 MGB RO XII</p> <p>2 MGB RO VII</p> <p>3 MGB RO IV</p> <p>4 MGB RO III</p> <p>5 MGB RO II</p> <p>6 MGB RO VI</p> <p>7 MGB RO XIII</p> <p>8 MGB RO CAR</p> <p>9 MGB RO I</p> <p>10 MGB RO MIMAROPA</p> <p>11 MGB RO X</p> <p>12 MGB RO XI</p> <p>13 MGB RO V</p> <p>14 MGB RO VIII</p> <p>15 MGB RO IX</p> <p>1 MGB Regional Office II</p> <p>2 MGB Regional Office XII</p> <p>3 MGB Regional Office I</p> <p>4 MGB Regional Office IV - CALABARZON</p> <p>5 MGB Regional Office IX</p> <p>6 MGB Regional Office VI</p>
		a. Work Program/Terms and Conditions/Requirements	0	515	515	5	562		109%	109%	
		b. Safety, Health, Environment and Social Development (SHES) Programs	0	515	515	4	560		109%	109%	
		Mining Rights audited (no.) as to compliance with:									
		a. Regional Office system audited for WP (no.)	0	15	15	0	15		100%	100%	
		MPP Compliance audited (no.)	0	20	20	0	20		100%	100%	
		b. Regional Office system audited for SHES (no.)	0	15	15	0	15		100%	100%	

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3	Mine Rehabilitation Program										7 MGB Regional Office VII 8 MGB Regional Office III 9 MGB Regional Office CAR 10 MGB Regional Office MIMAROPA 11 MGB Regional Office V 12 MGB Regional Office XIII 13 MGB Region VIII 14 MGB Region XI 15 MGB Region X	
		a. Palawan Quicksilver Mines, Inc. (PQMI)	Project Monitoring and Supervision Conducted (no.)	1	3	3	1	3	100%	100%	100%	- Supervision and monitoring was conducted on Feb. 17, Oct 15 and Dec. 20, 2021.
		Studies conducted (no.)	3	3	3	3	3	100%	100%	100%	1 Phytostabilization of Mercury Contaminated Areas using Forest Tree Species with Heavy Metal Accumulation 2 Phytoremediation of Mercury Contaminated Water 3 Organic Filter Media for Mercury Adsorption of Contaminated Pit Lake	
	b. Other Abandoned/Inactive/Closed Mines											
		Other Abandoned Mines monitored (no.)	0	10	10	2	8		80%	80%	1 Barlo Mines, Inc. 2 Philex Mining Corp. (Sto. Nino Mines formerly Baguio Gold Mining Company) 3 Western Minolco Mining Co. 4 Black Mountain, Inc. 5 Benguet Exploration, Inc. 6 Zambales Base Metals, Inc. 7 Romblon Marble Mines 8 Unidos Mining Corp. - <u>MGB-CO/Silica Sand Mines</u> : Monitoring activity was scheduled for December 29, 2021, depending on the accessibility of the site considering that some areas in Roxas, Palawan are not accessible right now due to infrastructure damages caused by recent onslaught of Typhoon Odette. Delay in original schedule was due to travel restrictions and additional quarantine protocols by the LGU. - <u>MGB CO/Benguet Consolidated, Inc.</u> : Monitoring activity was initially scheduled on December 29-30, 2021. However, due to additional quarantine protocols and the recent onslaught of Typhoon Odette, this was moved to Jan 3-5, 2021. Field work still dependent on accessibility of sites.	
	c. Marcopper	Monitoring reports submitted to MGBCO (no.)	0	1	1	0	1		100%	100%		
	4	Resolution of Complaints/Cases/Conflicts										
		a. Complaints/cases/conflicts investigated/resolved	MGB	5	155	155	16	201	320%	130%	130%	
			Panel of Arbitrators Decided (no.)	6	17	17	5	14	83%	82%	82%	- <u>Region 13</u> : Due to the promotion of Atty. Claudio A. Nistol of DENR RO XIII and the resignation of Atty. Jeffrey P. Galido, Attorney III of this Office, the PA can't convene a meeting since June of 2020. Thus, all cases endorsed to the PA are pending before this Office subject to the reconstitution of the same.
Panel of Arbitrators Resolved (no.)			6	17	17	1	9	17%	53%	53%	- <u>Region 4</u> : To date, there is no current case available for resolution. No parties involved in any case had submitted	

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											- <i>Region 8 : No pending Motion for Reconsideration on the cases decided at the Panel of Arbitrators. Region 13 : Due to the promotion of Atty. Claudio A. Nistol of DENR RO XIII and the resignation of Atty. Jeffrey P. Galido, Attorney III of this Office, the PA can't convene a meeting since June of 2020. Thus, all cases endorsed to the PA are pending before this Office subject to the reconstitution of the same.</i>
		Mines Adjudication Board Cases deliberated (no.)	3	12	12	4	25	133%	208%	208%	1 MAB Case No. 0210-19 Carolina A. Francisco vs. MCG Aggregates and Crushing Plant 2 MAB Case No. 0116-00 Valley Mining and Dev.Corp. vs. Camarin Mining Corp. 3 MAB Case No. 0166-08 Provident Tree Farms Inc. vs. Makilala Mining Corp. 4 MAB Case No. 0154-07 San Juanico Resources Corp. vs. Heirs of Pabilona Jr. 5 MAB Case No. 0202-16 Long Fong vs. Severino Discartin and dolanson dolan dolan 6 MAB Case No. 0211-19 Rogelio V. Llonillo vs. Central Cement Corp. 7 MAB Case No. 0199-15 Nationwide Dev. Corp. vs. Lionshare Dev.Corp. 8 MAB Case No. 0174-08 Mt. Franz Mining Corp. vs. Balatoc Resources Exploration Corp. 9 MAB Case No. 0200-15 Picop Resources Inc. vs. Monkayo Consolidated Mining Corp. 10 MAB Case No. 0203-16 Picop Resources vs. Alberto Mining Corp. 11 MAB Case No. 0204-16 Picop Resources Inc. vs. Pensons Mining Corp. 12 MAB Case No. 0208-18 Picop Resources Inc. vs. Mina Del Oriente Inc. 13 MAB Case No. 0209-19 Picop Resources Inc. vs. Boston Tribal Multi-purpose Cooperative 14 MAB Case No. 0149-06 (formerly DENR Case No. IV-2005-04) Aspen Commercial Corporation, represented by Enrico L. Borja and Manuel D. Tanglao VS. Raul D. Navarro 15 MAB Case Nos. 0188-11 Green Valley Company vs. Earthmovers Mining Corporation 16 MAB Case No. 189-11 CAMALCA Mining Company vs. EARTHMOVERS Mining Corporation 17 MAB Case No. 0206-16 (formerly MAC case No.-VI-16-2011) Maricalum Mining Corporation vs. Philex Mining Corporation and Sta. Barbara Development Corporation 18 MAB case No. 0173-08 (formerly MGB-CAR Case No. 07-08) Philippine Mining Development Corporation (PMDC) vs. Balatoc Resources Exploration Corporation 19 MAB case No. 0187-11 (formerly MGB-CAR Case No. 10-03) Olpaten Resources Corporation, vs. Pacific Metals Canada Phil., Inc. 20 MAB Case No. 0180-09 - PICOP Resources, Inc vs. Omega Gold Resources Philippines, Inc., 21 MAB Case No. 0128-02 - Heirs of Bucal Gavino vs. Philex Mining Corporation 22 MAB Case No. 0207-17 (formerly MGB Case No. M-XII-01-2016) DOBY M. BANSIL, et al., vs. Tribal Mining Corp. (TMC) 23 2) MAB Case No. 0212-21 (formerly Case No. 4020107003 [IX]) Sheena G. Pinkerton, Fredeswindia R. Gonzales, and Susan D. Velasco vs. Leah M. Gimolatan

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											24 MAB Case No. 0126-02 (formerly MAC Case No. 012) Heirs of Bucal Gavino vs. Philex Mining Corporation 25 MAB Case No. 0180-09 (formerly MAC No. POA 2009-002 [XI]) PICOP Resources, Inc. vs. OMEGA Gold Resources Philippines, Inc.
		Mines Adjudication Board Cases decided-Original Appeal (no.)	1	12	12	15	27	1500%	225%	225%	1 MAB Case No. 0210-19 Carolina A. Francisco vs. MCG Aggregates and Crushing Plant 2 MAB Case No. 0116-00 Valley Mining and Dev.Corp. vs. Camarin Mining Corp. 3 MAB Case No. 0166-08 Provident Tree Farms Inc. vs. Makilala Mining Corp. 4 MAB Case No. 0154-07 San Juanico Resources Corp. vs. Heirs of Pabilona Jr. 5 MAB Case No. 0202-16 Long Fong vs. Severino Discartin and dolanson dolan dolan 6 MAB Case No. 0211-19 Rogelio V. Llonillo vs. Central Cement Corp. 7 MAB Case No. 0174-08 Mt. Franz Mining Corp. vs. Balatoc Resources Exploration Corp. 8 MAB Case No. 0178-09_Cesar Ventura, represented by Alice Ventura vs. Romulo D. Aquinaldo 9 MAB Case No. 0175-09_Asia Pacific Basin and Mining Corp., and Facets Minerals, Inc. vs. Balatoc Resources Exploration Corp. 10 MAB Case No. 0115-00_Yolanda Vidal-Laurel vs. VTN-Agno River Gold Mining, Inc., and Precious Metals Mining and Development Corporation 11 MAB Case No. 0185-10_La Concepcion Development Corporation, represented by Engr. Pedro M. Robles vs. Compania Minera Del Grande, Inc. 12 MAB Case No. 043-97 _Benguet Corporation vs. Marsman and Company, Inc. 13 MAB Case No. 0173-08 (formerly MGB-CAR Case No. 07-08) Philippine Mining Development Corp. (PMDc), vs. Balatoc Res Exploration Corp. (BREC). 14 MAB Case No. 0187-11 (formerly MGB-CAR Case No. 10-03) Opaten Res Corp. vs. Pacific Metals Canada Phils. 15 Consolidated Decision: MAB Case No. 0188-11 (formerly Mining Case No. MSC-111-03-08) Green Valley Company vs. Earthmovers Mining Corporation; and MAB Case No. 0189-11 (formerly MSC-111-04-08) Camalca Mining Company vs. Earthmovers Mining Corporation 16 MAB Case NO. 0199-15 (formerly MAC NO. RPOA 2013-003 [XI]) Nationwide Devt Corp. vs. Lionshare Devt Corp. 17 MAB Case No. 0200-15 (formerly MAC No. POA-2010-002[XI]) PICOP Resources, Inc. vs. MONKAYO Consolidated Mining Corp. 18 MAB Case No. 0204-16 (formerly MAC No. POA 2010-006[XI]) PICOP Resources, Inc. vs. PENSONS Mining Corporation 19 MAB Case No. 0208-18 (formerly MAC No. POA 2013-002[XI]) PICOP Resources, Inc. vs. Mina Del Oriente, Inc. 20 MAB Case No. 0209-19 (formerly MGB Case No. POA-XI-2011-001-[XI]) PICOP Resources, Inc., vs. Boston Tribal Multi-Purpose Cooperative 21 MAB Case No. 0206-16 (formerly Case No. MAC-VI-16-2011) Maricalum Mining Corporation vs. Philex Mining Corporation and Sta. Barbara Development Corporation

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		Mines Adjudication Board Case Resolved - Motions (no.)	0	3	3	4	6		200%	200%	1 MAB Case No. 0171-08 Holcim vs. Neutron 2 MAB Case No. 0164-08_Suncorp Mines and Development Corporation vs. Bethlehem Nickel Corporation 3 MAB Case No. 0128-02, formerly MGB-CAR Case No. 012, Heirs of Bucal Gavino, Represented by Anastacio Big-asan vs. Philex Mining Corporation 4 MAB Case No. 0211-19, formerly Mines Special Case No. MSC-III-05-07, Rogelio V. Llonillo and Patricio V. Llonillo vs. Central Cement Corporation 5 MAB Case No. 052-98, formerly DENR Case No. 7503, Mr. Romeo Bagarino re: Motion for Early Resolution 6 MAB Case No. 0181-09, 0182-09 & 1084-10, formerly MGB-CAR Case No. 08-01, Memorandum to the Panel of Arbitrators, MGB-CAR
	b. Assistance to PENRO/CENRO by embedded personnel	Preliminary Investigation conducted with report submitted to RD (no.)	11	186	186	10	217	91%	117%	117%	
	c. Anti-Illegal Mining Campaign	Cease and Desist Orders issued/implemented (no.)	4	59	59	11	155	275%	263%	263%	
		Charges filed with the Provincial/City Prosecutors Office (no.)	3	29	29	6	29	200%	100%	100%	
001: NATURAL RESOURCES SUSTAINABLY MANAGED - PROGRAM 2: MINERAL RESOURCES AND GEOSCIENCES DEVELOPMENT PROGRAM											
OUTCOME INDICATOR 1											
	Number of LGUs informed of the geology and mineral potential				12		12			100%	
OUTPUT INDICATOR 1											
	Percentage of Total Philippine area surveyed for geology and mineral potential		0.00%	6.40%	6.40%	0.20%	6.40%		100%	100%	
OUTPUT INDICATOR 2											
	Number of new mineral reservation areas assessed/endorsed for declaration		1	7	7	1	7	100%	100%	100%	
Program 2	Mineral Resources and Geosciences Development										
1	Communication Plan For Mineral Resources and Geoscience Development										
	Conduct of Awareness and Advocacy on Mineral Resources and Geosciences Development (MRGD)	LGUs and other stakeholders forum conducted (no.)	0	16	16	0	29		181%	181%	
		Radio/TV Guestings (no.)	1	30	30	0	53	0%	177%	177%	
		Press Releases/Photo Releases/Feature Stories (no.)	30	360	360	31	404	103%	112%	112%	

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			This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual	
2	Generate/Publish/Disseminate Information, Education and Communication (IEC) Materials	Website and Social Media (Facebook/Youtube/Twitter/Instagram) maintained/monitored (no.)	30	30	30	30	31	100%	103%	103%	
		IEC materials/collaterals (caps, t-shirts, masks, etc.) produced/reproduced/distributed (including climate change) (no.)	125	7,500	7,500	206	9,126	165%	122%	122%	
		Statistics Reports submitted to MGBCO (no.)	0	495	495	4	495		100%	100%	
	Capacity Building Program on MRGD Laws, Rules and Regulations	Trainings conducted/coordinated/participated on (no.)									
		a. For LGUs and other stakeholders (NGAs, CSOs, etc.)	0	18	18	1	30		167%	167%	
		b. For Small-Scale Miners	0	29	29	0	31		107%	107%	
	National and International Linkages	Linkages coordinated (no.)	15	180	180	27	180	180%	100%	100%	
	National Mineral Reservation Program										
	Upgrading and Development of Existing Mineral Reservation Areas	Existing Mineral Reservation areas monitored and upgraded (no.)	3	8	8	2	8	67%	100%	100%	
	Establishment of New Mineral Reservations	New mineral reservation areas assessed/endorsed for declaration (no.)	1	7	7	1	7	100%	100%	100%	
	Research and Development/Special Projects	Areas assessed and studied for REE (no.)	0	5	5	2	5		100%	100%	
3	Geologic Mapping	Major river systems assessed (line km.)	5	125	125	9	180	180%	144%	144%	1 Parcel 2 of Zambales Chromite Mineral Reservation 2 Diwalwal Mineral Reservation 3 Siruma White Clay in Camarines Sur 4 Zambales Chromite Mineral reservation Parcel 3 5 Ilocos Norte Feldspar Min. Reservation in Pasuquin, Ilocos Norte 6 Alicia Gold Mineral Reservation in Alicia, Zamboanga Sibugay 7 Samar Bauxite Mineral Reservation (Parcel D) 8 Surigao Nickel Mineral Reservation 1 Proposed Mineral Reservation in the Municipalities of San Remigio, Sibalom, Belison, Patngongon, Valderrama in the Province of Antique 2 Tagkawayan, Quezon 3 Block 1 Parcel 3 Misamis Oriental 4 Fe Skarn Mineral Reservation in Mogpog, Marinduque 5 Balamban-Asturias, Cebu 6 Bagumbayan-Isulan, Sultan Kudarat 7 Proposed Mineral Reservation in Dinapigue 1 Exploration for Rare Earth Elements in Parcel 2 of Zambales Chromite Mineral Reservation in Candelaria, Zambales 2 Exploration for Rare Earth Elements in Davao Oriental 3 Exploration for Rare Earth Elements in Talifugo, Conner, Apayao 4 Exploration for Rare Earth Elements in Zambales 5 Exploration for Rare Earth Elements in Surigao Mineral Reservation
		Capacity Building	0	2	2	0	3		150%	150%	
	Geological Mapping and Surveys - Quadrangle Mapping										
		Quadrangles assessed/surveyed (no.)	0	64	64	2	64		100%	100%	

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	
											10 Catbalogan (3955-II) 11 Mandih (3644-IV) 12 Tampolo (3944-III) 13 Basiawan (4139-IV) 14 Malita (4139-III) 15 Kraan River (3838-I) 16 Carrascal (4148-II) 17 Madrid (4147-I) 18 Kabugao (3274-III) 19 Karagawan (3273-IV) 20 Canipan (2445-I) 21 Tarusan (2545-IV) 22 Molave (3644-II) 23 Mt. Katanglad (3944-II) 24 Padada (4039-I) 25 Lebe (3938-III) 26 Lapigue (3471-III) 27 Lukban Point (3470-II) 28 Mount Rocky (3469-I) 29 Mt. Abrirangan (3474-I) 30 Patunungan Bay (3475-II) 31 Hilangos (3951-III) 32 Manat (4242-IV) 33 Kling (3937-IV) 34 Prosperidad (4145-I) 35 Tawit (3274-II) 36 Sipa (3274-I) 37 Libacao (3454-II) 38 Kalibo (3455-III) 39 Aurora (3743-IV) 40 Dumalaguing (4045-III) 41 Cateel (4243-II) 42 Dadiangas (4038-III) 43 Bangar (3070-I) 44 Barahan (3159-II) 45 Nagbalaje Quad (3547-I) 46 Plaridel Quad(3951-I) 47 Batiano Quad (4242-I) 48 Malapatan Quad(4037-I) 49 Cabadbaran Quad (4147 III) 50 Bobon (3957-IV) 51 Catarman (3957-III) 52 Pambujan (3957-I) 53 Genolgan (3957-II) 54 Calbayog (3956-III) 55 Malajog (3856-II) 56 Lope de Vega (3956-IV) 57 Batangan (3474-IV) 58 Hinatuan (4245-II) 59 Hingatungan (4051-IV) 60 Malimono (4048-I) 61 Sta. Cruz (3071-II) 62 Culasi (3454-III) 63 Twin Peaks (3473-IV) 64 Baggao (3373-I)

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	Provision of Laboratory Services	Advance Exploration area assessed (no.)	0	1	1	1	1		100%	100%	- Advance Exploration of Non-Metallic Deposits Palayan City & Gen. Tinio, Nueva Ecija	
		Existing 1:50,000 scale geologic maps upgraded (no.)	14	139	139	20	141	143%	101%	101%		
		Samples analyzed (no.)	577	7,268	7,268	2,810	13,103	487%	180%	180%		
		Determinations made (no.)	47,558	587,360	587,360	132,674	791,714	279%	135%	135%		
		Metallurgical Test conducted (no.)	240	2,600	2,600	151	4,658	63%	179%	179%		
		Mineral Resource Inventory	Provincial Resource Maps updated and submitted to MGBCO (no.)	6	15	15	5	15	83%	100%		100%
	Offshore Exploration	Geophysical and Geological assessment (no.)	0	2	2	1	2		100%	100%		1 Philippine Rise
												2 Celebes Sea
003: ADAPTIVE CAPACITIES OF HUMAN COMMUNITIES AND NATURAL SYSTEMS IMPROVED - PROGRAM 1: GEOLOGICAL RISK REDUCTION AND RESILIENCY PROGRAM												
OUTCOME INDICATOR 1:												
	Percentage of LGUs that included geohazard information in their Disaster Risk Reduction and Mitigation Plan, Comprehensive Land Use Plan, and/or Development Plans				50%					0%		
OUTCOME INDICATOR 1:												
	Number of cities and municipalities where vulnerability and risk assessment was conducted		0	80	80	0	81		101%	101%		
OUTCOME INDICATOR 2:												
	Number of LGUs (cities/municipalities) provided with information, education and communication campaigns on geohazards		0	90	90	11	92		102%	102%		
OUTCOME INDICATOR 3:												
	Number of LGUs assessed for groundwater resources and vulnerability		0	50	50	2	53		106%	106%		
Program 1	Geological Assessment for Risk Reduction and Resiliency Program (Geoscience Development Services)											
	Geohazard Assessment - Identification and Mapping of Geohazards for Critical Land Areas											
	Land Geological Assessment											
	Field Mapping and Survey											
1	a. Vulnerability and Risk Assessment (VRA)	LGUs (cities/municipalities) assessed (no.)	0	80	80	0	81		101%	101%	1 Boliney, Abra	
										2 Abucay, Bataan		
										3 Rodriguez, Rizal		
										4 Magdiwang, Romblon		
										5 Cajidiocan, Romblon		
										6 San Fernando, Romblon		
										7 Gigmoto, Catanduanes		
										8 Viga, Catanduanes*		
										9 Malabuyoc, Cebu		
										10 Sergio Osmeña Sr., Zamboanga del Norte		
										11 Kadingilan, Bukidnon		
										12 Pugo, La Union		
										13 Buguey, Cagayan		
										14 Victoria, Tarlac		
										15 Balete, Batangas		
										16 Alitaotao, Batangas		

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	
											17 Camalig, Albay 18 Malinao, Albay 19 Bingawan, Iloilo 20 Balangkayan, Eastern Samar 21 Santa Monica, Surigao del Norte 22 Aliaga, Nueva Ecija 23 Samboan, Cebu 24 Llorente, Eastern Samar 25 Aurora, Zamboanga del Sur 26 Kitaotao, Bukidhon 27 Libjo, Dinagat Island 28 Tubajon, Dinagat Island 29 Barlig, Mountain Province 30 Labrador, Pangasinan 31 Sual, Pangasinan 32 Zaragoza, Nueva Ecija 33 Santa Teresita, Batangas 34 Dolores, Quezon 35 Lambunao, Iloilo 36 Guindulman, Bohol 37 Ramon Magsaysay, Zamboanga del Sur 38 Kibawe, Bukidhon* 39 Cagdianao, Dinagat Islands 40 Taguig City, Metro Manila 41 Mandaluyong City, Metro Manila 42 San Juan City, Metro Manila 43 Tuba, Benguet 44 Tubao, La Union 45 Gattaran, Cagayan 46 Alcala, Cagayan 47 Peñaranda, Nueva Ecija 48 El Nido, Palawan 49 Linapacan, Palawan 50 Ivisan, Capi 51 Ajuy, Iloilo 52 Calinog, Iloilo 53 Hernani, Eastern Samar 54 Burgos, Surigao del Norte 55 San Ildenfonso, Ilocos Sur* 56 General Tinio, Nueva Ecija 57 Balatan, Camarines Sur 58 Minalabac, Camarines Sur 59 San Pablo, Zamboanga del Sur 60 Quezon City, Metro Manila 61 Pasig City, Metro Manila 62 Luba, Abra 63 Santa Barbara, Pangasinan 64 Santa Teresita, Cagayan 65 Doña Remedios Trinidad, Bulacan 66 Tayasan, Negros Oriental 67 General MacArthur, Eastern Samar 68 Balingasag, Misamis Oriental 69 Makati City, Metro Manila 70 Parañaque City, Metro Manila 71 Llanera, Nueva Ecija 72 San Pascual, Batangas

P A P Code / Component Activity Statement		PERFORMANCE INDICATOR	TARGET			ACCOMPLISHMENT					REMARKS
			This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual	
	b. Updating of 1:10,000 scale Geohazard Maps	LGU's (cities/municipalities) assessed (no.)	0	80	80	0	81		101%	101%	73 San Jose, Batangas 74 Ibaan, Batangas 75 Ayungon, Negros Oriental 76 Malangas, Zamboanga Sibugay 77 Atok, Benguet 78 Amulung, Cagayan 79 Quinapondan, Eastern 80 Jasaan, Misamis Oriental 81 Pagudpud, Ilocos Norte
	c. Karst Subsidence Hazard Mapping and Assessment (Ground Subsidence Assessment)	LGU's (cities/municipalities) assessed (no.)	0	18	18	0	19		106%	106%	1 Dasol, Pangasinan 2 General Tinio, Nueva Ecija 3 San Isidro, Davao del Norte 4 San Jose, Occidental Mindoro 5 Maydolong, Eastern Samar 6 General Santos City, South Cotabato 7 Moalboal, Cebu 8 Alabel, Sarangani 9 Burgos, Surigao del Norte 10 Lamut, Ifugao 11 Asipulo, Ifugao 12 Gonzaga, Cagayan 13 Dalaguete, Cebu 14 Salug, Zamboanga del Norte 15 San Ildefonso, Bulacan 16 Pagbilao, Quezon 17 Pio V. Corpuz, Masbate 18 Naawan, Misamis Oriental 19 Buruanga, Aklan
	Conduct of IEC to LGUs (Intensive IEC Campaign on geohazard and VRA)	Seminars/Workshops conducted (no.)	0	90	90	11	92		102%	102%	1 Carmona, Cavite 2 San Pedro, Laguna 3 Santa Rosa, Laguna 4 Malay, Aklan 5 Nabas, Aklan 6 Kawayan, Biliran 7 Almeria, Biliran 8 Lubuagan, Kalinga 9 Pasil, Kalinga 10 Binalonan, Pangasinan 11 Peñablanca, Cagayan 12 Tuao, Cagayan 13 Allacapan, Cagayan 14 Lasam, Cagayan 15 Concepcion, Iloilo 16 Cabucgayan, Biliran 17 Biliran, Biliran 18 Caibiran, Biliran 19 Tabina, Zamboanga del Sur; 20 Dimataling, Zamboanga del Sur 21 Vincenzo A. Sagun, Zamboanga del Sur 22 Baganga, Davao Oriental 23 Monkayo, Davao de Oro 24 Laak, Davao de Oro

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	
											25 Pantukan, Davao de Oro 26 Maragusan, Davao de Oro 27 Burgos, Pangasinan 28 Calatrava, Romblon 29 Alcantara, Romblon 30 San Agustin, Romblon 31 Aroroy, Masbate 32 Milagros, Masbate 33 San Andres, Catanduanes 34 San Miguel, Catanduanes 35 Capalonga, Camarines Norte 36 Sta. Elena, Camarines Norte 37 Carles, Iloilo 38 Sara, Iloilo 39 Bayog, Zamboanga del Sur 40 Buug, Zamboanga Sibugay 41 Plaridel, Misamis Occidental 42 Sabangan, Mountain Province 43 Calanasan, Apayao 44 Tinglayan, Kalinga 45 Calasiao, Pangasinan 46 Masinloc, Zambales 47 Candelaria, Zambales 48 Santa Cruz, Zambales 49 Palauig, Zambales 50 Alcala, Pangasinan 51 Dinalupihan, Bataan 52 Malabon City, Metro Manila 53 Navotas City, Metro Manila 54 Valenzuela City, Metro Manila 55 Pateros, Metro Manila 56 Las Piñas City, Metro Manila 57 Muntinlupa City, Metro Manila 58 Sierra Bullones, Bohol 59 Loon, Bohol 60 Batuan, Bohol 61 Kidapawan City, Cotabato 62 Arakan, Cotabato 63 Tulunan, Cotabato 64 Mlang, Cotabato 65 Cagwait, Surigao Del Sur 66 Cortes, Surigao Del Sur 67 Calayan, Cagayan 68 Antipolo, Rizal 69 Baras, Rizal 70 Bataraza, Palawan 71 Rizal, Palawan 72 Alcoy, Cebu 73 Sibulan, Negros Oriental 74 Quezon, Bukidnon 75 Makilala, Cotabato 76 Carmen, Surigao del Sur 77 Aringay, La Union 78 Lopez Jaena, Misamis Occidental 79 Maramag, Bukidnon 80 Don Carlos, Bukidnon

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	Capacity Building on Geosciences	Training/seminars conducted for/ attended by MGB technical personnel (no.)	13	81	81	8	123	62%	152%	152%	81 Bayabas, Surigao del Sur 82 Silay, Negros Occidental 83 Talisay, Negros Occidental 84 La Carlota, Negros Occidental 85 Tacloban City, Leyte 86 Palo, Leyte 87 Davao City, Davao del Sur 88 Nabunturan, Davao de Oro 89 Compostela, Davao de Oro 90 New Bataan, Davao de Oro 91 Cantilan, Surigao del Sur 92 Carrascal, Surigao del Sur
	Geohazards Operation Center	Geohazards Operation Center Maintained (no.)	15	15	15	15	15	100%	100%	100%	
	Printing of 1:10,000 scale maps	Geohazard maps printed (no.)	2,100	4,225	6,325	5,989	7,193	285%	170%	114%	
		Geospatial maps maintained (no.)	10,737	10,737	10,737	10,737	10,737	100%	100%	100%	
	Coastal Vulnerability Assessment and Impact of Climate Change										
	Monitoring of Coastal Municipalities/Cities on accretion and erosion	Coastal Municipal LGUs (Cities/Municipalities) monitored (no.)	0	20	20	9	40		200%	200%	
											1 Jose Dalman, Zamboanga Del Norte 2 Manukan, Zamboanga del Norte 3 Bantayan, Cebu 4 Madridejos, Cebu 5 Santa Cruz, Davao Del Sur 6 Capalonga, Camarines Norte 7 Jose Panganiban, Camarines Norte 8 Mercedes, Camarines Norte 9 Paracale, Camarines Norte 10 Daet, Camarines Norte 11 Vinzons, Camarines Norte 12 Talisay, Camarines Norte 13 Del Gallego, Camarines Sur 14 Ragay, Camarines Sur 15 Balatan, Camarines Sur 16 Sipocot, Camarines Sur 17 Pasacao, Camarines Sur 18 Libmanan Camarines Sur 19 Sariaya, Quezon 20 Lucena City, Quezon 21 Padre Burgos, Quezon 22 Calabanga, Camarines Sur 23 Tinambac, Camarines Sur 24 Lupi, Camarines Sur 25 Real, Quezon 26 Gumaca, Quezon 27 Mauban, Quezon 28 Bulan, Sorsogon 29 San Teodoro, Oriental Mindoro 30 Baco, Oriental Mindoro 31 Claver, Surigao del Norte 32 Baclayon, Bohol 33 Alburquerque, Bohol 34 Lila, Bohol

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										35 Loay, Bohol 36 Dimiao, Bohol 37 Valencia, Bohol 38 Garcia Hernandez, Bohol 39 Jagna, Bohol 40 Duero, Bohol
	Groundwater Resource Assessment	LGUs (cities/municipalities) assessed (no.)	0	50	50	2	53		106%	106%	1 Lubuagan, Kalinga 2 Castillejos, Zambales 3 Nagcarlan, Laguna 4 Medina, Misamis Oriental 5 Digos City, Davao del Sur 6 San Marcelino, Zambales 7 Malabuyoc, Cebu 8 Tabango, Leyte 9 Diplahan, Zamboanga Sibugay 10 Talisayan, Misamis Oriental 11 Lake Sebu, South Cotabato 12 San Fernando City, La Union 13 Rizal, Kalinga 14 San Antonio, Zambales 15 Aroroy, Masbate 16 Padada, Davao Del Sur 17 Santa Cruz, Laguna 18 Baleno, Masbate 19 Alegria, Cebu 20 Villaba, Leyte 21 Buug, Zamboanga Sibugay 22 Santa Cruz, Davao del Sur 23 Claver, Surigao del Norte 24 San Juan, La Union 25 Pila, Laguna 26 Abra De Ilog, Occidental Mindoro 27 Mamburao, Occidental Mindoro 28 Dumangas, Iloilo 29 Balingoan, Misamis Oriental 30 Surallah, South Cotabato 31 Tabuk City, Kalinga 32 Ginatilan, Cebu 33 Matag-ob, Leyte 34 Ipil, Zamboanga Sibugay 35 Gigaquit, Surigao del Norte 36 Bagulin, La Union 37 Santa Cruz, Occidental Mindoro 38 Paluan, Occidental Mindoro 39 Mandaon, Masbate 40 Santo Niño, South Cotabato 41 Narvacan, Ilocos Sur 42 Sta. Maria, Ilocos Sur 43 San Esteban, Ilocos Sur 44 Peñablanca, Cagayan 45 Bacuag, Surigao del Norte 46 Dimasalang, Masbate 47 Mina, Iloilo

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	
											48 Bacnotan, La Union 49 Lal-lo, Cagayan 50 Lasam, Cagayan 51 Pototan, Iloilo 52 <i>San Gabriel, La Union</i> 53 <i>Victoria, Laguna</i>

Prepared by:

Approved by:

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Chief, Planning, Policy and International Affairs Division

ATTY. WILFREDO G. MONCANO

Director

CY 2021 EXTERNAL ACCOMPLISHMENT REPORT
Mines and Geosciences Bureau - Central Office
December 31, 2021

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	
											<div>1 Prime HRM Focus Group Discussion & Workshop</div> <div>2 Administrative Workshop</div> <div>3 Basic Occupational Safety and Health Training</div> <div>4 Training on Behavioral Event Interview</div> <div>5 Basic Excel Online Training</div> <div>6 Effective Business Writing Training</div> <div>7 Cascading MGB Guidelines and DENR Monitoring and Evaluation</div> <div>8 Capacity Building for Drivers</div> <div>9 Leadership Development Program</div> <div>- Dissemination and recruitment were conducted for MGB CO & ROs for SY 2021-2022 to start bet. June to Aug. 2021; to date, only 1 applicant was qualified. Virtual Orientation re: Post-graduate Local Scholarship programs to Section Chiefs of MGB CO and ROs was conducted on Oct. 14, 2021</div>
A.01 - GENERAL ADMINISTRATION AND SUPPORT SERVICES											
A.01.a	General Management and Supervision										
1	Administrative	Program Implementation Report (no.)	1	12	12	1	12	100%	100%	100%	
2	Financial Management Services	Program Implementation Report (no.)	1	12	12	1	12	100%	100%	100%	
A.01.b	Human Resource Development										
1	Human Resource Development Service										
	a. Program Monitoring and Evaluation	Program Implementation Report (no.)	1	12	12	1	12	100%	100%	100%	
	b. Training and Career Development Program	Learning Events conducted (no.)	1	7	7	0	9	0%	129%	129%	
	c. Local Scholarship Program	Scholars monitored and managed (no.)	10	10	10	1	1	10%	10%	10%	
A.02 - SUPPORT TO OPERATIONS											
A.02.a	Planning and Policy Formulation										
1	Prepare/review/update/revise/monitor and evaluate Short-Term to Long-Term plans for MRGS programs/projects	Plans prepared(no.)	0	3	3	0	3		100%	100%	
		Program implemented/monitored (no.)	1	12	12	1	12	100%	100%	100%	
2	Formulate, review/revise, develop and implement mineral policies and guidelines	Policies/Guidelines reviewed/endorsed to DENR (no.)	0	8	8	0	11		138%	138%	

P A P Code / Component Activity Statement		PERFORMANCE INDICATOR	TARGET			ACCOMPLISHMENT					REMARKS
			This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual	
A.02.b	3	Coordinate with National and International Linkages									<div>7 Clarificatory Guidelines on EPEP validity</div> <div>8 Guidelines for the Automatic Renewal of the Exploration Permit/Period and the Timely Filing of DMPF under the EP, MPSA, FTAA, and Similar Mining Tenements (released and signed as DAO 2021-12)</div> <div>9 Draft DAO re: Guidelines on Establishing Enhanced Design Parameters and Criteria for the Types of Surface Mining Methods to be Implemented under Declaration of Mining Project Feasibility</div> <div>10 Draft DAO re: Harmonizing the Mining Operations of an Operator Under a Mining Tenement</div> <div>11 Draft DAO re: Lifting of the Ban on the Open Pit Method of Mining for Copper, Gold, Silver and Complex Ores in the Country Under DENR Administrative Order No. 2017-10</div>
	4	Linkages with NGAs/LGUs/stakeholders/International Organizations coordinated/participated (no.)	20	34	34	29	80	145%	235%	235%	
		Decision/Resolution/Order Issued (no)	2	6	6	2	3	100%	50%	50%	
		ENR-Related Complaints Investigated (no.)	0	2	2	0	0		0%	0%	
	1										
	2										
	1	Mineral Economics, Information and Publication									<div>- The decision in 1 confiscation appeal was drafted but not yet released considering the ongoing evaluation in view of the pendency of a case filed in Regular Court as per update from the MGB Regional Office VII; while for the 2 Other Confiscation Appeals, further review on the legal issues raised on appeal is being undertaken by the Legal Officer in charge.</div> <div>- Dec 22, 2021 Re: Memo to MeTD as OIC-AD re: Decision in MGBCO Case No. 002-19, formerly Case No. 2019-MGBROIX-004, entitled "ESR CONSTRUCTION AND DEVELOPMENT CORPORATION, Represented by ENGR. CRISANTO S. SAPIPE, JR., Appellant versus OFFICE OF THE OIC-REGIONAL DIRECTOR IX, MGB, Appellee</div> <div>- Dec 22, 2021 Re: Memo to MeTD as OIC-AD re: Decision in MGBCO Case No. 004-19, formerly Case No. 2018-MGBROIX-004 entitled "RUDHIL CONSTRUCTION and ENTERPRISES, INC., Respondent-Appellant versus DENR-MGB-ROIX, Complainant-Appellee</div> <div>- This is a demand-driven activity; the target was based on the 3 year historical data of LSD. For 2021, there was no ENR-related complaint/s referred for investigation from the Office of the Director, hence, the target cannot be accomplished. There being none, is a positive view that the anti-mining sentiments/non-compliance with the regulatory laws, rules and regulations are satisfied/complied with thru MGBs proactive measures on responsible mining and advocacy campaign</div>
		Conduct Awareness and Advocacy on Mineral Resources and Geosciences Development (MRGD)	1	13	14	0	23	0%	177%	164%	
		Press releases/ conferences/ media interviews conducted (no.)	1	5	6	0	15	0%	300%	250%	
		Training/workshop/seminar conducted/attended/organized/coordinated (no.)	3	45	45	20	137	667%	304%	304%	
	2										
		Statistics reports generated/ monitored/ validated (no.)	2	13	13	2	13	100%	100%	100%	
		Strategic Mineral Information Systems managed/developed/maintained (no.)	8	8	8	8	8	100%	100%	100%	
		Information materials generated/published/disseminated (no.)	520	6,212	6,212	523	6,222	101%	100%	100%	

P A P Code / Component Activity Statement		PERFORMANCE INDICATOR	TARGET			ACCOMPLISHMENT					REMARKS		
			This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual			
A.02.c	Research and Development										<div>- 500 copies of Silver Commodity Profile; 20 Info kits; 1 Short Video on the Uses/Importance of Minerals</div> <div>- 500 copies of Information Materials (Digital Copy) provided to the participants of the "Stakeholder's Forum on Understanding Recent Policy Issuances relating to mining"; 1 Mineral Gazette; 1 Mining Facts & Figures updated; 3 Commodity profiles updated (Nickel, Copper and Limestone); 25 Info kits</div> <div>- 500 copies of Primer on Small Scale Mining Act; 25 Info kits</div> <div>- 500 copies of Primer on Quickfacts about Mining; 20 Info kits</div> <div>- 500 copies of Primer on Quickfacts about Mining; 20 Info kits</div> <div>- 500 copies of Chromite Commodity Profile; 20 Info kits; Short video presentation on the Philippine Mining Industry; & Short Video presentation on the Functions of MGB</div> <div>- 500 Copies of Mineral Production Sharing Agreement (MPSA); 20 Info kits; 1 Chromite Commodity Profile updated</div> <div>- 500 Copies of Revised Implementing Rules and Regulations of RA 7076 ' Peoples Small Scale of 1991"; 20 Info kits; Gold & Silver Commodity Profile updated; CY 2022 MGB Calendar</div>		
	1	Research Studies on Mineral Resources and Geosciences Development (MRGD) Programs	Research/studies conducted (no.)	9	9	9	9	9	100%	100%		100%	<div>1 Recovery of Nickel, Cobalt, Iron and Rare Earth Elements from Low Grade Philippine Laterite Ores using Atmospheric Leaching with Reduction Pre-treatment</div> <div>2 Extraction of Vanadium from Iron Sand Deposits</div> <div>3 Technical Study on the use Synthesized Laterite Iron Sand as Feeds Material Shaft Furnace Iron Making Technology</div> <div>4 Recovery of Scandium from Laterite-based Pig Iron Slag by Dry Digestion and Precipitation Methods</div> <div>5 Research on the Cenozoic Stratigraphy of the Philippines</div> <div>6 Ground and Sediment Control in Nickel Mining Operations</div> <div>7 Application of Remote Sensing on Disturbed areas in Operating Surface Mines</div> <div>8 Development of Success Indicator in the Implementation of the Environmental Protection and Enhancement Program (EPEP)</div> <div>9 Comparison Between Rehabilitation Practices of Nickel Mines Using LFA</div>
A.03 - OPERATIONS													
001: NATURAL RESOURCES SUSTAINABLY MANAGED - PROGRAM 1: MINERAL RESOURCES ENFORCEMENT AND REGULATORY PROGRAM													
OUTCOME INDICATOR 1													
	Percentage increase in the revenues of government from mineral resources development				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												
Program 1	Mineral Resources Enforcement and Regulatory Program												

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	Mine Rehabilitation Program										6 MGB Regional Office VI 7 MGB Regional Office VII 8 MGB Regional Office III 9 MGB Regional Office CAR 10 MGB Regional Office MIMAROPA 11 MGB Regional Office V 12 MGB Regional Office XIII 13 MGB Region VIII 14 MGB Region XI 15 MGB Region X
		a. Palawan Quicksilver Mines, Inc. (PQMI)									
		Project Monitoring and Supervision Conducted (no.)	1	3	3	1	3	100%	100%	100%	- Supervision and monitoring was conducted on Feb. 17, Oct 15 and Dec. 20, 2021.
	b. Other Abandoned/Inactive/Closed Mines	Studies conducted (no.)	3	3	3	3	3	100%	100%	100%	1 Phytostabilization of Mercury Contaminated Areas using Forest Tree Species with Heavy Metal Accumulation 2 Phytoremediation of Mercury Contaminated Water 3 Organic Filter Media for Mercury Adsorption of Contaminated Pit Lake
		Other Abandoned Mines monitored (no.)	0	10	10	2	8		80%	80%	1 Barlo Mines, Inc. 2 Philex Mining Corp. (Sto. Nino Mines formerly Baguio Gold Mining Company) 3 Western Minolco Mining Co. 4 Black Mountain, Inc. 5 Benguet Exploration, Inc. 6 Zambales Base Metals, Inc. 7 Romblon Marble Mines 8 Unidos Mining Corp. - <u>Silica Sand Mines</u> : Monitoring activity was scheduled for December 29, 2021, depending on the accessibility of the site considering that some areas in Roxas, Palawan are not accessible right now due to infrastructure damages caused by recent onslaught of Typhoon Odette. Delay in original schedule was due to travel restrictions and additional quarantine protocols by the LGU. - <u>Benguet Consolidated, Inc.</u> : Monitoring activity was initially scheduled on December 29-30, 2021. However, due to additional quarantine protocols and the recent onslaught of Typhoon Odette, this was moved to Jan 3-5, 2021. Field work still dependent on accessibility of sites.
	c. Marcopper	Monitoring reports submitted (no.)	0	1	1	0	1		100%	100%	
4	Resolution of Complaints/Cases/Conflicts										
	a. Complaints/cases/conflicts investigated/resolved	MGB	0	7	7	0	1		14%	14%	- Investigation fieldwork involving MGB-CO were carried out by the concerned Regional Offices due to health emergency/Covid-19 pandemic.
		Mines Adjudication Board Cases deliberated (no.)	3	12	12	4	25	133%	208%	208%	1 MAB Case No. 0210-19 Carolina A. Francisco vs. MCG Aggregates and Crushing Plant 2 MAB Case No. 0116-00 Valley Mining and Dev.Corp. vs. Camarin Mining Corp. 3 MAB Case No. 0166-08 Provident Tree Farms Inc. vs. Makilala Mining Corp.

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	
											<div>4</div> <div>MAB Case No. 0154-07 San Juanico Resources Corp. vs. Heirs of Pabilona Jr.</div> <div>5</div> <div>MAB Case No. 0202-16 Long Fong vs. Severino Discartin and dolanson dolan dolan</div> <div>6</div> <div>MAB Case No. 0211-19 Rogelio V. Llonillo vs. Central Cement Corp.</div> <div>7</div> <div>MAB Case No. 0199-15 Nationwide Dev. Corp. vs. Lionshare Dev.Corp.</div> <div>8</div> <div>MAB Case No. 0174-08 Mt. Franz Mining Corp. vs. Balatoc Resources Exploration Corp.</div> <div>9</div> <div>MAB Case No. 0200-15 Picop Resources Inc. vs. Monkayo Consolidated Mining Corp.</div> <div>10</div> <div>MAB Case No. 0203-16 Picop Resources vs. Alberto Mining Corp.</div> <div>11</div> <div>MAB Case No. 0204-16 Picop Resources Inc. vs. Pensons Mining Corp.</div> <div>12</div> <div>MAB Case No. 0208-18 Picop Resources Inc. vs. Mina Del Oriente Inc.</div> <div>13</div> <div>MAB Case No. 0209-19 Picop Resources Inc. vs. Boston Tribal Multi-purpose Cooperative</div> <div>14</div> <div>MAB Case No. 0149-06 (formerly DENR Case No. IV-2005-04) Aspen Commercial Corporation, represented by Enrico L. Borja and Manuel D. Tanglao VS. Raul D. Navarro</div> <div>15</div> <div>MAB Case Nos. 0188-11 Green Valley Company vs. Earthmovers Mining Corporation</div> <div>16</div> <div>MAB Case No. 189-11 CAMALCA Mining Company vs. EARTHMOVERS Mining Corporation</div> <div>17</div> <div>MAB Case No. 0206-16 (formerly MAC case No.-VI-16-2011) Maricalum Mining Corporation vs. Philex Mining Corporation and Sta. Barbara Development Corporation</div> <div>18</div> <div>MAB case No. 0173-08 (formerly MGB-CAR Case No. 07-08) Philippine Mining Development Corporation (PMDC) vs. Balatoc Resources Exploration Corporation</div> <div>19</div> <div>MAB case No. 0187-11 (formerly MGB-CAR Case No. 10-03) Olpaten Resources Corporation, vs. Pacific Metals Canada Phil., Inc.</div> <div>20</div> <div>MAB Case No. 0180-09 - PICOP Resources, Inc vs. Omega Gold Resources Philippines, Inc.,</div> <div>21</div> <div>MAB Case No. 0128-02 - Heirs of Bucal Gavino vs. Philex Mining Corporation</div> <div>22</div> <div>MAB Case No. 0207-17 (formerly MGB Case No. M-XII-01-2016) DOBY M. BANSIL, et al., vs. Tribal Mining Corp. (TMC)</div> <div>23</div> <div>2) MAB Case No. 0212-21 (formerly Case No. 4020107003 [IX]) Sheena G. Pinkerton, Fredeswinda R. Gonzales, and Susan D. Velasco vs. Leah M. Gimolatan</div> <div>24</div> <div>MAB Case No. 0126-02 (formerly MAC Case No. 012) Heirs of Bucal Gavino vs. Philex Mining Corporation</div> <div>25</div> <div>MAB Case No. 0180-09 (formerly MAC No. POA 2009-002 [XI]) PICOP Resources, Inc. vs. OMEGA Gold Resources Philippines, Inc.</div> <div>1</div> <div>MAB Case No. 0210-19_Carolina A. Francisco vs. MCG Aggregates and Crushing Plant</div> <div>2</div> <div>MAB Case No. 0116-00_Valley Mining and Dev.Corp. vs. Camarin Mining Corp.</div> <div>3</div> <div>MAB Case No. 0166-08_Provident Tree Farms Inc. vs. Makilala Mining Corp.</div>
		Mines Adjudication Board Cases decided-Original Appeal (no.)	1	12	12	15	27	1500%	225%	225%	

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	
											<div>4</div> <div>MAB Case No. 0154-07_San Juanico Resources Corp. vs. Heirs of Pabilona Jr.</div> <div>5</div> <div>MAB Case No. 0202-16_Long Fong vs. Severino Discartin and dolanson dolan dolan</div> <div>6</div> <div>MAB Case No. 0211-19_Rogelio V. Llonillo vs. Central Cement Corp.</div> <div>7</div> <div>MAB Case No. 0174-08_Mt. Franz Mining Corp. vs. Balatoc Resources Exploration Corp.</div> <div>8</div> <div>MAB Case No. 0178-09_Cesar Ventura, represented by Alice Ventura vs. Romulo D. Aguinaldo</div> <div>9</div> <div>MAB Case No. 0175-09_Asia Pacific Basin and Mining Corp., and Facets Minerals, Inc. vs. Balatoc Resources Exploration Corp.</div> <div>10</div> <div>MAB Case No. 0115-00_Yolanda Vidal-Laurel vs. VTN-Agno River Gold Mining, Inc., and Precious Metals Mining and Development Corporation</div> <div>11</div> <div>MAB Case No. 0185-10_La Concepcion Development Corporation, represented by Engr. Pedro M. Robles vs. Compania Minera Del Grande, Inc.</div> <div>12</div> <div>MAB Case No. 043-97 _Benguet Corporation vs. Marsman and Company, Inc.</div> <div>13</div> <div>MAB Case No. 0173-08 (formerly MGB-CAR Case No. 07-08) Philippine Mining Development Corp. (PMDC), vs. Balatoc Res Exploration Corp. (BREC).</div> <div>14</div> <div>MAB Case No. 0187-11 (formerly MGB-CAR Case No. 10-03) Olpaten Res Corp. vs. Pacific Metals Canada Phils.</div> <div>15</div> <div>Consolidated Decision: MAB Case No. 0188-11 (formerly Mining Case No. MSC-111-03-08) Green Valley Company vs. Earthmovers Mining Corporation; and MAB Case No. 0189-11 (formerly MSC-111-04-08) Camalca Mining Company vs. Earthmovers Mining Corporation</div> <div>16</div> <div>MAB Case NO. 0199-15 (formerly MAC NO. RPOA 2013-003 [XI]) Nationwide Devt Corp. vs. Lionshare Devt Corp.</div> <div>17</div> <div>MAB Case No. 0200-15 (formerly MAC No. POA-2010-002[XI]) PICOP Resources, Inc. vs. MONKAYO Consolidated Mining Corp.</div> <div>18</div> <div>MAB Case No. 0204-16 (formerly MAC No. POA 2010-006[XI]) PICOP Resources, Inc. vs. PENSONS Mining Corporation</div> <div>19</div> <div>MAB Case No. 0208-18 (formerly MAC No. POA 2013-002[XI]) PICOP Resources, Inc. vs. Mina Del Oriente, Inc.</div> <div>20</div> <div>MAB Case No. 0209-19 (formerly MGB Case No. POA-XI-2011-001-[XI]) PICOP Resources, Inc., vs. Boston Tribal Multi-Purpose Cooperative</div> <div>21</div> <div>MAB Case No. 0206-16 (formerly Case No. MAC-VI-16-2011) Maricalum Mining Corporation vs. Philex Mining Corporation and Sta. Barbara Development Corporation</div> <div>22</div> <div>MAB Case No. 0203-16 (MAC No. POA 2010-006 [XI]) PICOP Resources, Inc. vs. ALBERTO Mining Corporation</div> <div>23</div> <div>MAB CASE NO. 0149-06 , formerly DENR Case No. IV-2005-04, Aspen Commercial Corp., Rep. by Enrico L. Borja and Manuel D. Tanglao vs. Raul D. Navarro</div> <div>24</div> <div>MAB Case No. 0180-09, formerly MAC No. POA 2009-002, PICOP Resources, Inc. vs. Omega Gold Resources Philippines, Inc.</div> <div>25</div> <div>MAB Case No. 0196-12, formerly MSC-III-01-10, Heirs of Dominador S. Almadrones, Sr. vs. Neutron Construction & Marketing Corp..</div>

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	
											26 MAB Case No. 0207-17, formerly MGB-Case No. M-XII-01-2016, Doby M. Bansil, et al. vs. Tribal Mining Corporation 27 MAB Case No. 0212-21, formerly Case No. 4020107003, Sheena G. Pinkerton, Fredeswinda R. Gonzales, and Susan D. Velasco vs. Leah M. Gimolatan
		Mines Adjudication Board Case Resolved - Motions (no.)	0	3	3	4	6		200%	200%	
											1 MAB Case No. 0171-08 Holcim vs. Neutron 2 MAB Case No. 0164-08_Suncorp Mines and Development Corporation vs. Bethlehem Nickel Corporation 3 MAB Case No. 0128-02, formerly MGB-CAR Case No. 012, Heirs of Bucal Gavino, Represented by Anastacio Big-asan vs. Philex Mining Corporation 4 MAB Case No. 0211-19, formerly Mines Special Case No. MSC-III-05-07, Rogelio V. Llonillo and Patricio V. Llonillo vs. Central Cement Corporation 5 MAB Case No. 052-98, formerly DENR Case No. 7503, Mr. Romeo Bagarino re: Motion for Early Resolution 6 MAB Case No. 0181-09, 0182-09 & 1084-10, formerly MGB-CAR Case No. 08-01, Memorandum to the Panel of Arbitrators, MGB-CAR
001: NATURAL RESOURCES SUSTAINABLY MANAGED - PROGRAM 2: MINERAL RESOURCES AND GEOSCIENCES DEVELOPMENT PROGRAM											
OUTCOME INDICATOR 1											
	Number of LGUs informed of the geology and mineral potential				12		12			100%	
OUTPUT INDICATOR 1											
	Percentage of Total Philippine area surveyed for geology and mineral potential		0.00%	1.20%	1.20%	0.20%	1.20%		100%	100%	
OUTPUT INDICATOR 2											
	Number of new mineral reservation areas assessed/endorsed for declaration										
Program 2	Mineral Resources and Geosciences Development										
1	Communication Plan For Mineral Resources and Geoscience Development										
2	National Mineral Reservation Program										
	Areas	Existing Mineral Reservation areas monitored and upgraded (no.)									
	Establishment of New Mineral Reservations	New mineral reservation areas assessed/endorsed for declaration (no.)									
	Research and Development/Special Projects	Areas assessed and studied for REE (no.)	0	2	2	1	2		100%	100%	1 Exploration for Rare Earth Elements in Davao Oriental 2 Exploration for Rare Earth Elements in Zambales
		Major river systems assessed (line km.)	0	5	5	0	5		100%	100%	- Baler/Villa Aurora Aguang River
		Capacity Building	0	2	2	0	3		150%	150%	
3	Geologic Mapping										
	Geological Mapping and Surveys - Quadrangle Mapping	Quadrangles assessed/surveyed (no.)	0	12	12	2	12		100%	100%	1 Lapigue (3471-III) 2 Lukban Point (3470-II) 3 Mount Rocky (3469-I) 4 Bobon (3957-IV) 5 Catarman (3957-III)

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	Provision of Laboratory Services										6 Pambujan (3957-I) 7 Genolgan (3957-II) 8 Calbayog (3956-III) 9 Malajog (3856-II) 10 Lope de Vega (3956-IV) 11 Twin Peaks (3473-IV) 12 Baggao (3373-I)
		Advance Exploration area assessed (no.)	0	1	1	1	1		100%	100%	- Advance Exploration of Non-Metallic Deposits Palayan City & Gen. Tinio, Nueva Ecija
		Existing 1:50,000 scale geologic maps upgraded (no.)	0	57	57	0	57		100%	100%	
		Samples analyzed (no.)	442	5,308	5,308	1,724	9,548	390%	180%	180%	
		Determinations made (no.)	28,331	340,000	340,000	96,454	524,476	340%	154%	154%	
		Metallurgical Test conducted (no.)	240	2,600	2,600	151	4,658	63%	179%	179%	
	Mineral Resource Inventory	Provincial Resource Maps updated and submitted to MGBCO (no.)									
		Geophysical and Geological assessment (no.)	0	2	2	1	2		100%	100%	1 Philippine Rise 2 Celebes Sea
003: ADAPTIVE CAPACITIES OF HUMAN COMMUNITIES AND NATURAL SYSTEMS IMPROVED - PROGRAM 1: GEOLOGICAL RISK REDUCTION AND RESILIENCY PROGRAM											
OUTCOME INDICATOR 1:											
	Percentage of LGUs that included geohazard information in their Disaster Risk Reduction and Mitigation Plan, Comprehensive Land Use Plan, and/or Development Plans				50%					0%	
OUTCOME INDICATOR 1:											
	Number of cities and municipalities where vulnerability and risk assessment was conducted		0	7	7	0	7		100%	100%	
OUTCOME INDICATOR 2:											
	Number of LGUs (cities/municipalities) provided with information, education and communication campaigns on geohazards		0	15	15	9	15		100%	100%	
OUTCOME INDICATOR 3:											
	Number of LGUs assessed for groundwater resources and vulnerability		0	5	5	1	5		100%	100%	
Program 1 1	Geological Assessment for Risk Reduction and Resiliency Program (Geoscience Development Services)										
	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	7	7	0	7		100%	100%	1 Taguig City, Metro Manila 2 Mandaluyong City, Metro Manila 3 San Juan City, Metro Manila 4 Quezon City, Metro Manila 5 Pasig City, Metro Manila 6 Makati City, Metro Manila 7 Parañaque City, Metro Manila

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	b. Updating of 1:10,000 scale Geohazard Maps	LGUs (cities/municipalities) assessed (no.)	0	7	7	0	7		100%	100%	1 Taguig City, Metro Manila
											2 Mandaluyong City, Metro Manila
	c. Karst Subsidence Hazard Mapping and Assessment	LGUs (cities/municipalities) assessed (no.)	0	2	2	0	2		100%	100%	3 San Juan City, Metro Manila
											4 Quezon City, Metro Manila
	Conduct of IEC to LGUs (Intensive IEC Campaign on geohazard and VRA)	Seminars/Workshops conducted (no.)	0	15	15	9	15		100%	100%	5 Pasig City, Metro Manila
											6 Makati City, Metro Manila
											7 Parañaque City, Metro Manila
											1 General Santos City, South Cotabato
											2 San Ildefonso, Bulacan
											1 Malabon City, Metro Manila
											2 Navotas City, Metro Manila
											3 Valenzuela City, Metro Manila
											4 Pateros, Metro Manila
	Printing of 1:10,000 scale maps	Geohazard maps printed (no.)	2,100	4,225	6,325	5,989	7,193	285%	170%	114%	5 Las Piñas City, Metro Manila
		Geospatial maps maintained (no.)	10,737	10,737	10,737	10,737	10,737	100%	100%	100%	6 Muntinlupa City, Metro Manila
	Coastal Vulnerability Assessment and Impact of Climate Change										7 Silay, Negros Occidental
											8 Talisay, Negros Occidental
											9 La Carlota, Negros Occidental
											10 Tacloban City, Leyte
											11 Palo, Leyte
											12 Davao City, Davao del Sur
											13 Nabunturan, Davao de Oro
											14 Compostela, Davao de Oro
											15 New Bataan, Davao de Oro
	Monitoring of Coastal Municipalities/Cities on accretion and erosion	Coastal Municipal LGUs (Cities/Municipalities) monitored (no.)	0	11	11	9	31		282%	282%	1 Capalonga, Camarines Norte
											2 Jose Panganiban, Camarines Norte
											3 Mercedes, Camarines Norte
											4 Paracale, Camarines Norte
											5 Daet, Camarines Norte
											6 Vinzons, Camarines Norte
											7 Talisay, Camarines Norte
											8 Del Gallego, Camarines Sur
											9 Ragay, Camarines Sur
											10 Balatan, Camarines Sur
											11 Sipocot, Camarines Sur
											12 Pasacao, Camarines Sur
											13 Libmanan Camarines Sur
											14 Sariaya, Quezon
											15 Lucena City, Quezon
											16 Padre Burgos, Quezon
											17 Calabanga, Camarines Sur
											18 Tinambac, Camarines Sur
											19 Lupi, Camarines Sur
											20 Real, Quezon
											21 Gumaca, Quezon
											22 Mauban, Quezon
											23 Baclayon, Bohol
											24 Albuquerque, Bohol

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										25 <i>Lila, Bohol</i> 26 <i>Loay, Bohol</i> 27 <i>Dimiao, Bohol</i> 28 <i>Valencia, Bohol</i> 29 <i>Garcia Hernandez, Bohol</i> 30 <i>Jagna, Bohol</i> 31 <i>Duero, Bohol</i>
	Groundwater Resource Assessment	LGUs (cities/municipalities) assessed (no.)	0	5	5	1	5		100%	100%	1 <i>San Fernando City, La Union</i> 2 <i>San Juan, La Union</i> 3 <i>Bagulin, La Union</i> 4 <i>Bacnotan, La Union</i> 5 <i>San Gabriel, La Union</i>

Prepared by:

Approved by:

TEODORICO A. SANDOVAL

Chief, Planning, Policy and International Affairs Division

ATTY. WILFREDO G. MONCANO

Director

FO-PPIAD-09B

Region MIMAROPA: PMRB Marinduque is currently not operational in view of the temporary take-over of of the Provincial Government of Marinduque over the commercial sand and gravel activities (Reso. 32, s. 2019)

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 4	Strengthen Multi-partite Monitoring System	b. Safety, Health, Environment and Social Development (SHES) Programs	0	515	515	4	560		109%	109%	- <u>Region 13</u> : Due to the promotion of Atty. Claudio A. Nistol of DENR RO XIII and the resignation of Atty. Jeffrey P. Galido, Attorney III of this Office, the PA can't convene a meeting since June of 2020. Thus, all cases endorsed to the PA are pending before this Office subject to the reconstitution of the same.
		Regional Office system audited for SHES (no.)									
		Multi-partite Monitoring Teams (MMT) of mining projects (with permits issued by MGB) operationalized (no.)	213	213	213	224	224	105%	105%	105%	
	Mine Rehabilitation Program										
	Resolution of Complaints/Cases/Conflicts										
	a. Complaints/cases/conflicts investigated/resolved	MGB	5	148	148	16	200	320%	135%	135%	
		Panel of Arbitrators Decided (no.)	6	17	17	5	14	83%	82%	82%	
		Panel of Arbitrators Resolved (no.)	6	17	17	1	9	17%	53%	53%	
	b. Assistance to PENRO/CENRO by embedded personnel	Preliminary Investigation conducted with report submitted to RD (no.)	11	186	186	10	217	91%	117%	117%	
	c. Anti-Illegal Mining Campaign	Cease and Desist Orders issued/implemented (no.)	4	59	59	11	155	275%	263%	263%	
		Charges filed with the Provincial/City Prosecutors Office (no.)	3	29	29	6	29	200%	100%	100%	
001: NATURAL RESOURCES SUSTAINABLY MANAGED - PROGRAM 2: MINERAL RESOURCES AND GEOSCIENCES DEVELOPMENT PROGRAM											
OUTCOME INDICATOR 1											
	Number of LGUs informed of the geology and mineral potential										
OUTPUT INDICATOR 1											
	Percentage of Total Philippine area surveyed for geology and mineral potential		0.00%	5.20%	5.20%	0.00%	5.20%		100%	100%	
OUTPUT INDICATOR 2											
	Number of new mineral reservation areas assessed/endorsed for declaration		1	7	7	1	7	100%	100%	100%	
Program 2 1	Mineral Resources and Geosciences Development										
	Communication Plan For Mineral Resources and Geoscience Development										
	Conduct of Awareness and Advocacy on Mineral Resources and Geosciences Development (MRGD)	LGUs and other stakeholders forum conducted (no.)	0	16	16	0	29		181%	181%	
		Radio/TV Guestings (no.)	1	30	30	0	53	0%	177%	177%	

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	Press Releases/Photo Releases/Feature Stories (no.)	30	360	360	31	404	103%	112%	112%	
		Website and Social Media (Facebook/Youtube/Twitter/Instagram) maintained/monitored (no.)	30	30	30	30	31	100%	103%	103%	
		IEC materials/collaterals (caps, t-shirts, masks, etc.) produced/reproduced/distributed (including climate change) (no.)	125	7,500	7,500	206	9,126	165%	122%	122%	
		Statistics Reports submitted to MGBCO (no.)	0	495	495	4	495		100%	100%	
	Capacity Building Program on MRGD Laws, Rules and Regulations	Trainings conducted/coordinated/participated on (no.)									
		a. For LGUs and other stakeholders (NGAs, CSOs, etc.)	0	18	18	1	30		167%	167%	
		b. For Small-Scale Miners	0	29	29	0	31		107%	107%	
	National and International Linkages	Linkages coordinated (no.)	15	180	180	27	180	180%	100%	100%	
	National Mineral Reservation Program										
	Upgrading and Development of Existing Mineral Reservation Areas	Existing Mineral Reservation areas monitored and upgraded (no.)	3	8	8	2	8	67%	100%	100%	
	Establishment of New Mineral Reservations										
		New mineral reservation areas assessed/endorsed for declaration (no.)	1	7	7	1	7	100%	100%	100%	
	Research and Development/Special Projects										
		Areas assessed and studied for REE (no.)	0	3	3	1	3		100%	100%	
		Major river systems assessed (line km.)	5	120	120	9	175	180%	146%	146%	

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	Geologic Mapping										<ul style="list-style-type: none"> - Abulug River, Cagayan - Mogpog River, Marinduque - Sibalom River, Antique
	Geological Mapping and Surveys - Quadrangle Mapping	Quadrangles assessed/surveyed (no.)	0	52	52	0	52		100%	100%	
											1 Lubuagan (3272-III) 2 Jaguimitan (4243-IV) 3 Lambunao (3453-II) 4 San Francisco (4050-III) 5 Madalang Point (3545-II) 6 Compostela (4243-III) 7 Kraan (3838-II) 8 Bolo-bolo (4048-II) 9 Bayawan (3548-III) 10 Catbalogan (3955-II) 11 Mandih (3644-IV) 12 Tampolo (3944-III) 13 Basiawan (4139-IV) 14 Malita (4139-III) 15 Kraan River (3838-I) 16 Carrascal (4148-II) 17 Madrid (4147-I) 18 Kabugao (3274-III) 19 Karagawan (3273-IV) 20 Canipan (2445-I) 21 Tarusan (2545-IV) 22 Molave (3644-II) 23 Mt. Katanglad (3944-II) 24 Padada (4039-I) 25 Lebe (3938-III) 26 Mt. Abiriringan (3474-I) 27 Patunungan Bay (3475-II) 28 Hilangos (3951-III) 29 Manat (4242-IV) 30 Kling (3937-IV) 31 Prosperidad (4145-I) 32 Tawit (3274-II) 33 Sipa (3274-I) 34 Libacao (3454-II) 35 Kalibo (3455-III) 36 Aurora (3743-IV) 37 Dumalaguino (4045-III) 38 Cateel (4243-II) 39 Dadiangas (4038-III) 40 Bangar (3070-I) 41 Barahan (3159-II) 42 Nagbalaje Quad (3547-I) 43 Plaridel (3951-I) 44 Batiano (4242-I) 45 Malapatan (4037-I) 46 Cabadbaran (4147 III) 47 Batangan (3474-IV) 48 Hinatuan (4245-II)

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		
	Provision of Laboratory Services	Existing 1:50,000 scale geologic maps upgraded (no.)	14	82	82	20	84	143%	102%	102%	49 Hingatungan (4051-IV) 50 Malimono (4048-I) 51 Sta. Cruz (3071-II) 52 Culasi (3454-III)	
		Samples analyzed (no.)	135	1,960	1,960	1,086	3,555	804%	181%	181%		
		Determinations made (no.)	19,227	247,360	247,360	36,220	267,238	188%	108%	108%		
		Mineral Resource Inventory	Provincial Resource Maps updated and submitted to MGBCO (no.)	6	15	15	5	15	83%	100%		100%
	003: ADAPTIVE CAPACITIES OF HUMAN COMMUNITIES AND NATURAL SYSTEMS IMPROVED - PROGRAM 1: GEOLOGICAL RISK REDUCTION AND RESILIENCY PROGRAM											
OUTCOME INDICATOR 1:												
	Percentage of LGUs that included geohazard information in their Disaster Risk Reduction and Mitigation Plan, Comprehensive Land Use Plan, and/or Development Plans				50%					0%		
OUTCOME INDICATOR 1:												
	Number of cities and municipalities where vulnerability and risk assessment was conducted		0	73	73	0	74		101%	101%		
OUTCOME INDICATOR 2:												
	Number of LGUs (cities/municipalities) provided with information, education and communication campaigns on geohazards		0	75	75	2	77		103%	103%		
OUTCOME INDICATOR 3:												
	Number of LGUs assessed for groundwater resources and vulnerability		0	45	45	1	48		107%	107%		
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	73	73	0	74		101%	101%		
										1 Boliney, Abra 2 Abucay, Bataan 3 Rodriguez, Rizal 4 Magdiwang, Romblon 5 Cajidiocan, Romblon 6 San Fernando, Romblon 7 Gigmoto, Catanduanes 8 Viga, Catanduanes* 9 Malabuyoc, Cebu 10 Sergio Osmeña Sr., Zamboanga del Norte 11 Kadingilan, Bukidnon 12 Pugo, La Union 13 Buguey, Cagayan 14 Victoria, Tarlac 15 Balete, Batangas 16 Alitagtag, Batangas 17 Camalig, Albay		

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			This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual	
											18 Malinao, Albay 19 Bingawan, Iloilo 20 Balangkayan, Eastern Samar 21 Santa Monica, Surigao del Norte 22 Aliaga, Nueva Ecija 23 Samboan, Cebu 24 Llorente, Eastern Samar 25 Aurora, Zamboanga del Sur 26 Kitaotao, Bukidnon 27 Libjo, Dinagat Island 28 Tubajon, Dinagat Island 29 Barlig, Mountain Province 30 Labrador, Pangasinan 31 Sual, Pangasinan 32 Zaragoza, Nueva Ecija 33 Santa Teresita, Batangas 34 Dolores, Quezon 35 Lambunao, Iloilo 36 Guindulman, Bohol 37 Ramon Magsaysay, Zamboanga del Sur 38 Kibawe, Bukidnon* 39 Cagdianao, Dinagat Islands 40 Tuba, Benguet 41 Tubao, La Union 42 Gattaran, Cagayan 43 Alcala, Cagayan 44 Peñaranda, Nueva Ecija 45 El Nido, Palawan 46 Linapacan, Palawan 47 Ivisan, Capiz 48 Ajuy, Iloilo 49 Calinog, Iloilo 50 Hernani, Eastern Samar 51 Burgos, Surigao del Norte 52 San Ildenfonso, Ilocos Sur 53 General Tinio, Nueva Ecija 54 Balatan, Camarines Sur 55 Minalabac, Camarines Sur 56 San Pablo, Zamboanga del Sur 57 Luba, Abra 58 Santa Barbara, Pangasinan 59 Santa Teresita, Cagayan 60 Doña Remedios Trinidad, Bulacan 61 Tayasan, Negros Oriental 62 General MacArthur, Eastern Samar 63 Balingasag, Misamis Oriental 64 Llanera, Nueva Ecija 65 San Pascual, Batangas 66 San Jose, Batangas 67 Ibaan, Batangas 68 Ayungon, Negros Oriental 69 Malangas, Zamboanga Sibugay 70 Atok, Benguet 71 Amulung, Cagayan 72 Quinapondan, Eastern

P A P Code / Component Activity Statement		PERFORMANCE INDICATOR	TARGET			ACCOMPLISHMENT					REMARKS
			This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual	
	b. Updating of 1:10,000 scale Geohazard Maps	LGUs (cities/municipalities) assessed (no.)	0	73	73	0	74		101%	101%	73 Jasaan, Misamis Oriental 74 Pagudpud, Ilocos Norte 1 Boliney, Abra 2 Abucay, Bataan 3 Rodriguez, Rizal 4 Magdiwang, Romblon 5 Cajidiocan, Romblon 6 San Fernando, Romblon 7 Gigmoto, Catanduanes 8 Viga, Catanduanes* 9 Malabuyoc, Cebu 10 Sergio Osmeña Sr., Zamboanga del Norte 11 Kadingilan, Bukidnon 12 Pugo, La Union 13 Buguey, Cagayan 14 Victoria, Tarlac 15 Balete, Batangas 16 Alitagtag, Batangas 17 Camalig, Albay 18 Malinao, Albay 19 Bingawan, Iloilo 20 Balangkayan, Eastern Samar 21 Santa Monica, Surigao del Norte 22 Aliaga, Nueva Ecija 23 Samboan, Cebu 24 Llorente, Eastern Samar 25 Aurora, Zamboanga del Sur 26 Kitaotao, Bukidnon 27 Libjo, Dinagat Island 28 Tubajon, Dinagat Island 29 Barlig, Mountain Province 30 Labrador, Pangasinan 31 Sual, Pangasinan 32 Zaragoza, Nueva Ecija 33 Santa Teresita, Batangas 34 Dolores, Quezon 35 Lambunao, Iloilo 36 Guindulman, Bohol 37 Ramon Magsaysay, Zamboanga del Sur 38 Kadingilan, Bukidnon 39 Cagdianao, Dinagat Islands 40 Tuba, Benguet 41 Tubao, La Union 42 Gattaran, Cagayan 43 Alcala, Cagayan 44 Peñaranda, Nueva Ecija 45 El Nido, Palawan 46 Linapacan, Palawan 47 Ivisan, Capiz 48 Ajuy, Iloilo 49 Calinog, Iloilo 50 Hernani, Eastern Samar 51 Burgos, Surigao del Norte 52 San Ildenfonso, Ilocos Sur*

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			This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual	
											53 General Tinio, Nueva Ecija 54 Balatan, Camarines Sur 55 Minalabac, Camarines Sur 56 San Pablo, Zamboanga del Sur 57 Luba, Abra 58 Santa Barbara, Pangasinan 59 Santa Teresita, Cagayan 60 Doña Remedios Trinidad, Bulacan 61 Tayasan, Negros Oriental 62 General MacArthur, Eastern Samar 63 Balingasag, Misamis Oriental 64 Llanera, Nueva Ecija 65 San Pascual, Batangas 66 San Jose, Batangas 67 Ibaan, Batangas 68 Ayungon, Negros Oriental 69 Malangas, Zamboanga Sibugay 70 Atok, Benguet 71 Amulung, Cagayan 72 Quinapondan, Eastern 73 Jasaan, Misamis Oriental 74 Pagudpud, Ilocos Norte
	c. Karst Subsidence Hazard Mapping and Assessment (Ground Subsidence Assessment)	LGUs (cities/municipalities) assessed (no.)	0	16	16	0	17		106%	106%	1 Dasol, Pangasinan 2 General Tinio, Nueva Ecija 3 San Isidro, Davao del Norte 4 San Jose, Occidental Mindoro 5 Maydolong, Eastern Samar 6 Moalboal, Cebu 7 Alabel, Sarangani 8 Burgos, Surigao del Norte 9 Lamut, Ifugao 10 Asipulo, Ifugao 11 Gonzaga, Cagayan 12 Dalaguete, Cebu 13 Salug, Zamboanga del Norte 14 Pagbilao, Quezon 15 Pio V. Corpuz, Masbate 16 Naawan, Misamis Oriental 17 Buruanga, Aklan
	Conduct of IEC to LGUs (Intensive IEC Campaign on geohazard and VRA)	Seminars/Workshops conducted (no.)	0	75	75	2	77		103%	103%	1 Carmona, Cavite 2 San Pedro, Laguna 3 Santa Rosa, Laguna 4 Malay, Aklan 5 Nabas, Aklan 6 Kawayan, Biliran 7 Almeria, Biliran 8 Lubuagan, Kalinga 9 Pasil, Kalinga 10 Binalonan, Pangasinan 11 Peñablanca, Cagayan 12 Tuao, Cagayan 13 Allacapan, Cagayan 14 Lasam, Cagayan

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			This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual	
											15 Concepcion, Iloilo 16 Cabucgayan, Biliran 17 Biliran, Biliran 18 Caibiran, Biliran 19 Tabina, Zamboanga del Sur 20 Dimataling, Zamboanga del Sur 21 Vincenzo A. Sagun, Zamboanga del Sur 22 Baganga, Davao Oriental 23 Monkayo, Davao de Oro 24 Laak, Davao de Oro 25 Pantukan, Davao de Oro 26 Maragusan, Davao de Oro 27 Burgos, Pangasinan 28 Calatrava, Romblon 29 Alcantara, Romblon 30 San Agustin, Romblon 31 Aroroy, Masbate 32 Milagros, Masbate 33 San Andres, Catanduanes 34 San Miguel, Catanduanes 35 Capalonga, Camarines Norte 36 Sta. Elena, Camarines Norte 37 Carles, Iloilo 38 Sara, Iloilo 39 Bayog, Zamboanga del Sur 40 Buug, Zamboanga Sibugay 41 Plaridel, Misamis Occidental 42 Sabangan, Mountain Province 43 Calanasan, Apayao 44 Tinglayan, Kalinga 45 Calasiao, Pangasinan 46 Masinloc, Zambales 47 Candelaria, Zambales 48 Santa Cruz, Zambales 49 Palauig, Zambales 50 Alcala, Pangasinan 51 Dinalupihan, Bataan 52 Sierra Bullones, Bohol 53 Loon, Bohol 54 Batuan, Bohol 55 Kidapawan City, Cotabato 56 Arakan, Cotabato 57 Tulumun, Cotabato 58 Mlang, Cotabato 59 Cagwait, Surigao Del Sur 60 Cortes, Surigao Del Sur 61 Calayan, Cagayan 62 Antipolo, Rizal 63 Baras, Rizal 64 Bataraza, Palawan 65 Rizal, Palawan 66 Alcoy, Cebu 67 Sibulan, Negros Oriental 68 Quezon, Bukidnon 69 Makilala, Cotabato

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			This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual	
2	Capacity Building on Geosciences										70 Carmen, Surigao del Sur 71 Aringay, La Union 72 Lopez Jaena, Misamis Occidental 73 Maramag, Bukidnon 74 Don Carlos, Bukidnon 75 Bayabas, Surigao del Sur 76 Cantilan, Surigao del Sur 77 Carrascal, Surigao del Sur
		Training/seminars conducted for/ attended by MGB technical personnel (no.)	13	81	81	8	123	62%	152%	152%	
	Geohazards Operation Center	Geohazards Operation Center Maintained (no.)	15	15	15	15	15	100%	100%	100%	
	Coastal Vulnerability Assessment and Impact of Climate Change										
3	Monitoring of Coastal Municipalities/Cities on accretion and erosion	Coastal Municipal LGUs (Cities/Municipalities) monitored (no.)	0	9	9	0	9		100%	100%	1 Jose Dalman, Zamboanga Del Norte 2 Manukan, Zamboanga del Norte 3 Bantayan, Cebu 4 Madridejos, Cebu 5 Santa Cruz, Davao Del Sur 6 Bulan, Sorsogon 7 San Teodoro, Oriental Mindoro 8 Baco, Oriental Mindoro 9 Claver, Surigao del Norte
	Groundwater Resource and Vulnerability Assessment										
	Groundwater Resource Assessment	LGUs (cities/municipalities) assessed (no.)	0	45	45	1	48		107%	107%	
											1 Lubuangan, Kalinga 2 Castillejos, Zambales 3 Nagcarlan, Laguna 4 Medina, Misamis Oriental 5 Digos City, Davao del Sur 6 San Marcelino, Zambales 7 Malabuyoc, Cebu 8 Tabango, Leyte 9 Diplahan, Zamboanga Sibugay 10 Talisayan, Misamis Oriental 11 Lake Sebu, South Cotabato 12 Rizal, Kalinga 13 San Antonio, Zambales 14 Aroroy, Masbate 15 Padada, Davao Del Sur 16 Santa Cruz, Laguna 17 Baleno, Masbate 18 Alegria, Cebu 19 Villaba, Leyte 20 Buug, Zamboanga Sibugay 21 Santa Cruz, Davao del Sur 22 Claver, Surigao del Norte 23 Pila, Laguna 24 Abra De Ilog, Occidental Mindoro 25 Mamburao, Occidental Mindoro 26 Dumangas, Iloilo 27 Balingoan, Misamis Oriental 28 Surallah, South Cotabato

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			This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual	
											29 Tabuk City, Kalinga 30 Ginatilan, Cebu 31 Matag-ob, Leyte 32 Ipil, Zamboanga Sibugay 33 Gigaquit, Surigao del Norte 34 Santa Cruz, Occidental Mindoro 35 Paluan, Occidental Mindoro 36 Mandaon, Masbate 37 Santo Niño, South Cotabato 38 Narvacan, Ilocos Sur 39 Sta. Maria, Ilocos Sur 40 San Esteban, Ilocos Sur 41 Peñablanca, Cagayan 42 Bacuag, Surigao del Norte 43 Dimasalang, Masbate 44 Mina, Iloilo 45 Lal-lo, Cagayan 46 Lasam, Cagayan 47 Pototan, Iloilo 48 Victoria, Laguna

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