## CY 2021 EXTERNAL ACCOMPLISHMENT REPORT Mines and Geosciences Bureau March 31, 2021

FO-PPIAD-09

				TARGET			ACCOMF	PLISHME	NT		
	P A P Code / Component Activity Statement	PERFORMANCE INDICATOR	This Mo.	To Date	Annual	This Mo.	To Date	% This	% To Date	% Annual	REMARKS
								IVIO.	Date	Annual	
A.01 - GENI	ERAL ADMINISTRATION AND SUPPORT SERVICES					l I					
A.01.a	General Management and Supervision										
1	Administrative	Program Implementation Report (no.)	1	3	12	1	3	3 100%	100%	25%	
2	Financial Management Services	Program Implementation Report (no.)	1	3	12	1	3	3 100%	100%	25%	
A.01.b	Human Resource Development										
1	Human Resource Development Service										
	a. Program Monitoring and Evaluation	Program Implementation Report (no.)	1	3	12	1	3	3 100%	100%	25%	
	b. Training and Career Development Program	Learning Events conducted (no.)	1	2	7	1	2	2 100%	100%	29% 1	1 Prime HRM Focus Group Discussion & Workshop 2 Administrative Workshop
	c. Local Scholarship Program	Scholars monitored and managed (no.)	0	0	10	0	0	)		0%	,
A.02 - SUPF	PORT 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.) Program implemented/monitored (no.)	0	0	3	0	0	3 100%	100%	0% 25%	
2	Formulate, review/revise, develop and implement mineral policies and guidelines		1	2	8	3	3			38%	1 Clarificatory Guidelines on the Grounds for Revision of the Environmental Protection and Enhancement Program/Final
										2	<ul> <li>Mine Rehabilitation/Decommissioning Plan (FMRDP)</li> <li>Expanding the Coverage of Project Implementation under Section III of Environmental Management Bureau (EMB) Memorandum Circular (MC) No. 2020-31</li> <li>An Act on Promoting the Development of Minerals Processing and Value-Adding (Draft Bill)</li> </ul>
4	Conduct investigation, provide legal assistance and resolve mine related cases	Hearings attended/Court Appearance (no.) Investigation assisted (no.)	1 0	1	6	0	0	0 0%	0%	0% 0%	
A.02.b	Mineral Economics, Information and Publication										
1	Conduct Awareness and Advocacy on Mineral Resources and Geosciences Development (MRGD)	IEC conducted/organized/participated (no.)  Press releases/ conferences/ media interviews conducted (no.)  Training/workshop/seminar conducted/attended/organized/coordinated (no.)	1 1 2	3 1 7	14 6 45	3 1 16	4 1 20	300% 1 100% 0 800%	133% 100% 286%	29% 17% 44%	
2	Generate Mineral Economics information/Publish and disseminate IEC materials	Statistics reports generated/ monitored/ validated (no.) Strategic Mineral Information Systems managed/developed/maintained (no.) Information materials generated/published/disseminated (no.)	5 8 520	5 8 1,520	13 8 6,212	7 8 520	7 8 1,520	10070	100%	54% 100% 24% -	- 500 copies of Primer on MGB Profile - 500 copies of Primer on FTAA
										-	500 copies of Gold Commodity Profile; 20 Info kits

		Г		TARGET			ACCOMP	ISHMEN	JT.		
	P A P Code / Component Activity Statement	PERFORMANCE INDICATOR						% This	% To	%	REMARKS
	•		This Mo.	To Date	Annual	This Mo.	To Date	Mo.		Annual	
A.02.c	Research and Development										
	December Obedies on Mineral December and Occasionary	December (at the constructed (as )	,		0	4	4	050/	050/	440/	4 Barrana of Nieles Cabalt Iron and Barra Foots Flores at
1	Research Studies on Mineral Resources and Geosciences Development (MRGD) Programs	Research/studies conducted (no.)	4	4	9	1	1	25%	25%	11%	1 Recovery of Nickel, Cobalt, Iron and Rare Earth Elements from Low Grade Philppine Laterite Ores using Atmospheric
	Development (MICOD) Frograms										Hom Low Grade i mippine Latente Gres using Atmospheric
A.03 - OPE	ERATIONS										
	RAL RESOURCES SUSTAINABLY MANAGED - PROGRAM 1: EINDICATOR 1	MINERAL RESOURCES ENFORCEMENT AND REGULATORY PROGRAM									
OUTCOME	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 II	NDICATOR 1										
	Mining applications (including other mining rights related										
	applications) approved/denied/endorsed within the prescribed		250	655	3,646	397	952	159%	145%	26%	
	period										
OUTPUTII	NDICATOR 2	T	1	1							
	Number of mining permits/contracts monitored										
Program 1	Mineral Resources Enforcement and Regulatory Program										
l logiam i	Milleral Nesources Emolecment and Negulatory 1 Togram										
1	Mineral Investment Promotion Program										
	Issuance of mining permits/contracts (including in areas within	Issuance of mining permits/contracts (no.)	250	655	3,646	404	969	162%	148%		
	mineral reservations) and other related permits	a. Agreements/contracts/permits (FTAA/MPSA/EP/ISAGP/SSMP/MPP)	5	6	75		11	100%		15%	
		b. Ore Transport Permit (OTP)/Certification	181	528	2,588	298		165%	138%	28%	
		c. Declaration of Mining Project Feasibility (DMPF) acted upon (no.)	0	0	4	0	0	.===:	1000/	0%	
		d. Other mining related permits	64	121	979	101	228	158%	188%	23%	
	Use It or Lose It Policy	Mining Applications with Final Action (no.)	13	17	156	11	19	85%	112%	12%	
	Use it of Lose it i olicy	Willing Applications with Final Action (110.)	13	17	130	- 11	13	00 /0	112/0	12 /0	
	Development of Small-Scale Mining - Assistance to	Inventory of Peoples Small-Scale Mining (PSSM)/Minahang Bayan(MB) Areas,									
	Provincial/City Mining Regulatory Board (P/CMRB)/LGUs/Other										
	Stakeholders	D INC. I D I I DENDI I I MODOC ( )	12	16	89		15	92%	94%		
		Proposed Minahang Bayan sites endorsed to DENR through MGBCO (no.)  Declared Minahang Bayan Sites Monitored (no.)	4	4	16 35		4 0	200%	225%	25% 26%	
		P/CMRBs maintained/operationalized/reconstituted (no.)	88	88	88		82	93%	93%		
		1 / O m 120 maintainesi operationalization returned (not)						0070	0070	0070	
2	Mining Industry Development Program										
	Monitoring/Audit of Mining Permits/Contracts/Leases/	Mining Rights monitored (no.) as to compliance with:									
	Claims/JOAs (including those within Mineral Reservations) as to compliance with the Terms and Conditions/Requirements and	a. Work Program/Terms and Conditions/Requirements b. Safety, Health, Environment and Social Development (SHES) Programs	54 54	159 159	515 515				114% 108%		
	implementation of approved Work Program/Safety, Health,	b. Salety, Freatiti, Environment and Social Development (SHES) Programs	54	159	313	13	171	135%	108%	33%	
	Environmental and Social Development Programs	Mining Rights audited (no.) as to compliance with:									
	· · · ·	a. Regional Office system audited for WP (no.)	1	1	15	0	0	0%	0%	0% -	- No accomplishment for this month considering that the Virtual
		b. Regional Office system audited for SHES (no.)	3	5	15		0	0%			Audit of Regional Office Monitoring system is rescheduled due
		· · · · ·									to the current activity of MSESDD on PMEIA from February
											until March 2021.
	Strengthen Multi-partite Monitoring System	Multi-partite Monitoring Teams (MMT) of mining projects (with permits issued by MGB) operationalized (no.)	213	213	198	182	186	85%	Q <b>7</b> 0/:	94%	
		iviob) operationalized (110.)	210	210	130	102	100	00 /0	01 /0	34 /0	
	<u> </u>	<u> </u>	!								

				TARGET			ACCOM	PLISHME	NT		
	P A P Code / Component Activity Statement	PERFORMANCE INDICATOR	This Mo.	To Date	Annual	This Mo.	To Date	% This			REMARKS
3	Mine Rehabilitation Program							Mo.	Date	Annual	
	-										
	a. Palawan Quicksilver Mines, Inc. (PQMI)	Project Monitoring and Supervision Conducted (no.) Studies conducted (no.)	1	1	1	0	C	0%	0% 0%		<ul> <li>Annual Target from 4 to 3. Previous Target for the ERDB project was based on the WFP submitted by the ERDB on</li> </ul>
		Studies conducted (no.)	•	3	3	3		100%	0%	0%	March 4, 2021. However, due to insufficient funds released by
		Audit on the Implementation of PQMI Environmental Management Plan (no.)	(	0	C	0	C	)			the DBM for the said project, ERDB was requested to submit a new 2021 WFP.  Annual Target from 4 to 0.Target activities discontinued. Proposed budget for the activity was not granted due to lack of funds.
	b. Other Abandoned/Inactive/Closed Mines	Other Abandoned Mines monitored (no.)	(	0	10	0	С	)		0%	
	c. Marcopper	Monitoring reports submitted to MGBCO (no.)	1	1	4	0	С	0%	0%	0%	
4	Resolution of Complaints/Cases/Conflicts										
	a. Complaints/cases/conflicts investigated/resolved	MGB	18	30	155	14	22	78%	73%	14%	
	a. Complaints/cases/commets investigated/resolved	Panel of Arbitrators Decided (no.)	(	0 0	17		2		7070	12%	
		Panel of Arbitrators Resolved (no.)	(	0	17	0	1			6%	
		Mines Adjudication Board Cases deliberated (no.)		, ,	12		10	00/	4220/	108%	1 MAB Case No. 0210-19 Carolina A. Francisco vs. MCG
		Milles Adjudication Board Cases deliberated (no.)		3	12		13	0%	433%	108%	Aggregates and Crushing Plant  MAB Case No. 0116-00 Valley Mining and Dev.Corp. vs.
											<ul> <li>Camarin Mining Corp.</li> <li>MAB Case No. 0166-08 Provident Tree Farms Inc. vs. Makilala Mining Corp.</li> <li>MAB Case No. 0154-07 San Juanico Resources Corp. vs. Heirs of Pabilona Jr.</li> <li>MAB Case No. 0202-16 Long Fong vs. Severino Discartin and dolanson dolan dolan</li> <li>MAB Case No. 0211-19 Rogelio V. Llonillo vs. Central Cement Corp.</li> <li>MAB Case No. 0199-15 Nationwide Dev. Corp. vs. Lionshare Dev. Corp.</li> <li>MAB Case No. 0174-08 Mt. Franz Mining Corp. vs. Balatoc Resources Exploration Corp.</li> <li>MAB Case No. 0200-15 Picop Resources Inc. vs. Monkayo Consolidated Mining Corp.</li> <li>MAB Case No. 0203-16 Picop Resources vs. Alberto Mining Corp.</li> <li>MAB Case No. 0204-16 Picop Resources Inc. vs. Pensons Mining Corp.</li> <li>MAB Case No. 0208-18 Picop Resources Inc. vs. Mina Del Oriente Inc.</li> <li>MAB Case No. 0209-19 Picop Resources Inc. vs. Boston Tribal Multi-purpose Cooperative</li> </ul>
		Mines Adjudication Board Cases decided-Original Appeal (no.)	1	3	12	2 0	7	0%	233%	58%	<ol> <li>MAB Case No. 0210-19 Carolina A. Francisco vs. MCG Aggregates and Crushing Plant</li> <li>MAB Case No. 0116-00 Valley Mining and Dev.Corp. vs. Camarin Mining Corp.</li> <li>MAB Case No. 0166-08 Provident Tree Farms Inc. vs. Makilala Mining Corp.</li> <li>MAB Case No. 0154-07 San Juanico Resources Corp. vs. Heirs of Pabilona Jr.</li> </ol>

				TARGET		1	ACCOMP	LISHME	NT	1	
	P A P Code / Component Activity Statement	PERFORMANCE INDICATOR						% This	% To	%	REMARKS
			This Mo.	To Date	Annual	This Mo.	To Date	Mo.		Annual	
											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.
		Mines Adjudication Board Case Resolved - Motions (no.)	0	0	3	0	1			33%	1 MAB Case No. 0171-08 Holcim vs. Neutron
	b. Assistance to PENRO/CENRO by embedded personnel	Preliminary Investigation conducted with report submitted to RD (no.)	21	36	186	20	50	95%	139%	27%	
	c. Anti-Illegal Mining Campaign	Cease and Desist Orders issued/implemented (no.)	5	6	59		22	80%	367%	37%	
		Charges filed with the Provincial/City Prosecutors Office (no.)	0	0	29	3	8			28%	
001: NATU	IDAL DESCRIBES SUSTAINADI VIMANACED, DECCRAMA	MINED AL DESCRIBORES AND OFOSOIENCES DEVELOPMENT DOOD AND		1		1					
	IRAL RESOURCES SUSTAINABLY MANAGED - PROGRAM 2: E INDICATOR 1	MINERAL RESOURCES AND GEOSCIENCES DEVELOPMENT PROGRAM									
OU I COME	Number of LGUs informed of the geology and mineral potential		1	1							
OUTDUT				L		<u>i                                    </u>		<u> </u>			
JUIPUIII	NDICATOR 1 Percentage of Total Philippine area surveyed for geology and			1							
	mineral potential		0.80%	1.30%	6.40%	0.60%	0.80%	75%	62%	13%	
OUTPLIT	NDICATOR 2		1	1		1		1			
0011 01 11	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										
	Conduct of Awareness and Advocacy on Mineral Resources and	LGUs and other stakeholders forum conducted (no.)	2	2	16	3	8	150%	400%	50%	
	Geosciences Development (MRGD)	Radio/TV Guestings (no.)	2	2	30	5	24	250%	1200%	80%	
		Press Releases/Photo Releases/Feature Stories (no.)	30	90	360	31	95	103%	106%	26%	
	Generate/Publish/Disseminate Information, Education and	Website and Social Media (Facebook/Youtube/Twitter/Instagram) maintained/									
	Communication (IEC) Materials	monitored (no.)	30	30	30	31	31	103%	103%	103%	
		IEC materials/collaterals (caps, t-shirts, masks, etc.) produced/reproduced/	4.050	4 450	7 500	500	704	E70'	0001	400/	
		distributed (including climate change) (no.)	1,050		7,500 495		761 166				
		Statistics Reports submitted to MGBCO (no.)	60	165	495	5/	100	95%	101%	34%	
	Capacity Ruilding Program on MRCD Laws Bules and	Trainings conducted/coordinated/participated as (no.)									
	Capacity Building Program on MRGD Laws, Rules and Regulations	Trainings conducted/coordinated/participated on (no.) a. For LGUs and other stakeholders (NGAs, CSOs, etc.)		2	10	0	13	4000/	433%	720/	
	Tregulations	a. For LGUs and other stakeholders (NGAs, CSOs, etc.) b. For Small-Scale Miners	1 1	3	18 29		13	400% 100%	433% 150%	72% 21%	
		D. FOI STIMIT-SCAIR WITTERS	4	4	29	4	ь	100%	150%	21%	
	National and International Linkages	Linkages coordinated (no.)	15	15	180	29	46	1029/	1020/	26%	
	Tradional and international Eminages	Linkayes cooluliated (110.)	13	40	100	29	40	193%	102%	2070	
2	National Mineral Reservation Program										
	Transfer Willord Prosoft allort Flogram										
	Upgrading and Development of Existing Mineral Reservation										
	Areas	Existing Mineral Reservation areas monitored and upgraded (no.)	0	0	8	0	0			0%	
	Establishment of New Mineral Reservations	New mineral reservation areas assessed/endorsed for declaration (no.)	0	0	7	0	0			0%	
	Research and Development/Special Projects	Areas assessed and studied for REE (no.)	0	0	5	0	0			0%	
		Major river systems assessed (line km.)	10	10	125	5	5	50%	50%	4%	
		Capacity Building	0	0	2	0	0			0%	

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	P A P Code / Component Activity Statement	PERFORMANCE INDICATOR		TARGET				% This	и % То	%	REMARKS
	· ··· · · · · · · · · · · · · · · · ·		This Mo.	To Date	Annual	This Mo.	To Date	Mo.	Date	Annual	
	Ocale de Manada a										
3	Geologic Mapping										
	Geological Mapping and Surveys - Quadrangle Mapping										
		Quadrangles assessed/surveyed (no.)	8	13	64	6	8	75%	62%	13%	
										2	2 Jaguimitan (4243-IV) 3 <i>Lambunao (3453-II)</i>
											4 San Francisco (4050-III)
											5 Madalang Point (3545-II)
										6	6 Compostela (4243-III) 7 Kraan (3838-II)
										8	Bolo-bolo (4048-II)
				_		_	_				
		Advance Exploration area assessed (no.)  Existing 1:50,000 scale geologic maps upgraded (no.)	26	0 69		0 46	68	177%	99%	0% 49%	
		LASTING 1.20,000 Scale geologic maps apgraded (no.)	20	09	139	40	36	11170	JJ 70	4370	
	Provision of Laboratory Services	Samples analyzed (no.)	592	1,732		836	1,766	141%	102%		
		Determinations made (no.)	48,838	143,620		61,599			85%	21% 54%	
		Metallurgical Test conducted (no.)	210	630	2,600	211	1,407	100%	223%	54%	
	Mineral Resource Inventory	Provincial Resource Maps updated and submitted to MGBCO (no.)	1	1	15	1	1	100%	100%	7%	
4	Offshore Exploration	Geophysical and Geological assessment (no.)	0	0	2	0	0	1		0%	
003: ADAP1	I FIVE CAPACITIES OF HUMAN COMMUNITIES AND NATURA	L SYSTEMS IMPROVED - PROGRAM 1: GEOLOGICAL RISK REDUCTION									
	IENCY PROGRAM										
	INDICATOR 1:										
	Percentage of LGUs that included geohazard information in their Disaster Risk Reduction and Mitigation Plan, Comprehensive				50%					0%	
	Land Use Plan, and/or Development Plans				0070					070	
	INDICATOR 1:		1			I	1				
	Number of cities and municipalities where vulnerability and risk assessment was conducted		10	22	80	10	21	100%	95%	26%	
OUTCOME	INDICATOR 2:	<u>l</u>						l l			
	Number of LGUs (cities/municipalities) provided with information,		4	7	90	2	7	75%	100%	8%	
	education and communication campaigns on geohazards		4		90	3	<b>'</b>	15/6	100%	0 /0	
	INDICATOR 3:  Number of LGUs assessed for groundwater resources and	T				ı					
	vulnerability		7	11	50	7	12	100%	109%	24%	
	,										
	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.)	10	22	80	10	21	100%	95%	26%	
										2	2 Abucay, Bataan 3 Rodriguez, Rizal
											5 Rodriguez, Rizai 4 Magdiwang, Romblon

				TARGET			ACCOMP	LISHME	NT		
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			This Mo.	To Date	Annual	This Mo.	To Date	Mo.		Annual	5 Cajidiocan, Romblon 6 San Fernando, Romblon 7 Gigmoto, Catanduanes 8 Bagamanoc, 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
								4000/	050/		<ul><li>19 Bingawan, Iloilo</li><li>20 Balangkayan, Eastern Samar</li><li>21 Santa Monica, Surigao del Norte</li></ul>
	b. Updating of 1:10,000 scale Geohazard Maps	LGUs (cities/municipalities) assessed (no.)	10	22	80	10	21	100%	95%	26%	1
	c. Karst Subsidence Hazard Mapping and Assessment (Ground Subsidence Assessment)	LGUs (cities/municipalities) assessed (no.)	0	0	18	0	0			0%	
	Conduct of IEC to LGUs (Intensive IEC Campaign on geohazard and VRA)	Seminars/Workshops conducted (no.)	4	7	90	3	7	75%	100%	8%	1 Carmona, Cavite 2 San Pedro, Laguna 3 Santa Rosa, Laguna 4 Malay, Aklan 5 Nabas, Aklan 6 Kawayan, Biliran 7 Almeria, Biliran
	Capacity Building on Geosciences	Training/seminars conducted for/ attended by MGB technical personnel (no.)	8	17	81	12	39	150%	229%	48%	
	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.) Geospatial maps maintained (no.)	0 10,737	0 10,737	6,325 10,737		8 10,737	100%	100%	0% 100%	
2	Coastal Vulnerability Assessment and Impact of Climate Change  Monitoring of Coastal Municipalities/Cities on accretion and erosion  Groundwater Resource and Vulnerability Assessment	Coastal Municipal LGUs (Cities/Municipalities) monitored (no.)	0	0	20	0	2			10%	1 Jose Dalman, Zamboanga Del Norte 2 Manukan, Zamboanga del Norte
	Groundwater Resource Assessment	LGUs (cities/municipalities) assessed (no.)	7	11	50	7	12	100%	109%	24%	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

			TARGET		ACCOMPLIS	PLISHME	NT			
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										9 Diplahan, Zamboanga Sibugay
										10 Talisayan, Misamis Oriental
										11 Lake Sebu, South Cotabato
										12 San Fernando City, La Union
						/				

Prepared by:

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OIC, Planning, Policy and International Affairs Division

Approved by:

TTY. WILFREDO G. MONCANO

FO-PPIAD-09

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

FO-PPIAD-09A

				TARGET			ACCOMP	LISHME	NT		
	P A P Code / Component Activity Statement	PERFORMANCE INDICATOR	This Mo.	To Date	Annual	This Mo.	To Date	% This	% To Date	% Annual	REMARKS
								IVIO.	Date	Alliuai	
A.01 - GEN	ERAL ADMINISTRATION AND SUPPORT SERVICES				1	1	1				
A.01.a	General Management and Supervision										
1	Administrative	Program Implementation Report (no.)	1	3	12	1	3	100%	100%	25%	
2	Financial Management Services	Program Implementation Report (no.)	1	3	12	1	3	100%	100%	25%	
A.01.b	Human Resource Development										
1	Human Resource Development Service										
Ì	a. Program Monitoring and Evaluation	Program Implementation Report (no.)	1	3	12	1	3	100%	100%	25%	
ſ	b. Training and Career Development Program	Learning Events conducted (no.)	1	2	7	1	2	100%	100%	29%	1 Prime HRM Focus Group Discussion & Workshop 2 Administrative Workshop
	c. Local Scholarship Program	Scholars monitored and managed (no.)	0	0	10	0	0			0%	2 Aunimisuauve Woinshop
A 02 CUD	PORT TO OPERATIONS		1								
A.02 - 50P	PORT TO OPERATIONS			1	1	1	1			1	
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.) Program implemented/monitored (no.)	0	0	3 12	0	0	100%	100%	0% 25%	
2	Formulate, review/revise, develop and implement mineral policies and guidelines		1	2	8	3		300%			Clarificatory Guidelines on the Grounds for Revision of the Environmental Protection and Enhancement Program/Final
											Expanding the Coverage of Project Implementation under Section III of Environmental Management Bureau (EMB)
											Memorandum Circular (MC) No. 2020-31 An Act on Promoting the Development of Minerals Processing and Value-Adding (Draft Bill)
3	Coordinate with National and International Linkages	Linkages with NGAs/LGUs/stakeholders/International Organizations coordinated/participated (no.)	16	16	34	27	34	169%	213%	100%	and value Adding (Dial Dill)
4	Conduct investigation, provide legal assistance and resolve mine	Decision/Resolution/Order Issued (no)	1	1	6	0	0	0%	0%		
	related cases	ENR-Related Complaints Investigated (no.)	0	0	2	0	0			0%	
A.02.b	Mineral Economics, Information and Publication										
1	Conduct Awareness and Advocacy on Mineral Resources and Geosciences Development (MRGD)	IEC conducted/organized/participated (no.)  Press releases/ conferences/ media interviews conducted (no.)	1	3	14	3	4	300% 100%	133%		
	Cocconstance Development (wired)	Training/workshop/seminar conducted/attended/organized/coordinated (no.)	2	7	45			800%	286%		
2	Generate Mineral Economics information/Publish and	Statistics reports generated/ monitored/ validated (no.)	5	5	13	7	7	140%	140%	54%	
	disseminate IEC materials	Strategic Mineral Information Systems managed/developed/maintained (no.)	8	U	8	8		100%	100%		
		Information materials generated/published/disseminated (no.)	520	1,520	6,212	520	1,520	100%	100%	24%	<ul><li>500 copies of Primer on MGB Profile</li><li>500 copies of Primer on FTAA</li></ul>
											- 500 copies of Gold Commodity Profile; 20 Info kits

			1			1					
	P A P Code / Component Activity Statement	PERFORMANCE INDICATOR		TARGET			ACCOMP			0/	REMARKS
	PAP Code / Component Activity Statement	PERI ORMANCE INDICATOR	This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.		% Annual	KLWAKKO
A.02.c	Research and Development							11.0.	Date	7 11 11 1441	
	·										
1		Research/studies conducted (no.)	4	4	9	1	1	25%	25%	11%	
	Development (MRGD) Programs										from Low Grade Philppine Laterite Ores using Atmospheric
											Leaching with Reduction Pre-treatment
4.00 00	ED ATIONS										
A.03 - OP	ERATIONS		1			1	l				
001: NATI	L IRAL RESOLIRCES SUSTAINARI Y MANAGED - PROGRAM 1: I	L MINERAL RESOURCES ENFORCEMENT AND REGULATORY PROGRAM	<u> </u>								
	E INDICATOR 1	MINISTRE REGOGNOED EN GROEMENT AND REGOERT GROTT TROOTS WITH									
	Percentage increase in the revenues of government from mineral				400/						
	resources development				10%						
OUTCOM	E INDICATOR 2										
	Percentage of monitored mining permits/contracts complying with										
0.1.	laws, rules and regulations		<u> </u>								
OUTPUT	NDICATOR 1		1			ı	ı				
	Mining applications (including other mining rights related applications) approved/denied/endorsed within the prescribed										
	period										
OUTPUT	NDICATOR 2		1			l	I				
0011 011	Number of mining permits/contracts monitored										
Program <sup>2</sup>	Mineral Resources Enforcement and Regulatory Program										
1	Mineral Investment Promotion Program										
	Issuance of mining permits/contracts (including in areas within	Issuance of mining permits/contracts (no.)									
	mineral reservations) and other related permits	a. Agreements/contracts/permits (FTAA/MPSA/EP/ISAGP/SSMP/MPP) b. Ore Transport Permit (OTP)/Certification									
		c. Declaration of Mining Project Feasibility (DMPF) acted upon (no.)	1	1	1	0	2	∩%_	200%	50%	
		d. Other mining related permits	<del> </del>	'	4	"		0 70	200/0	50 /0	
	Use It or Lose It Policy	Mining Applications with Final Action (no.)	6	18	71	0	13	0%	72%	18%	
2	Mining Industry Development Program										
	Manitaring / Audit of Mining Days its / Osstants /	Mining Dights qualities (no ) no to compliance with									
		Mining Rights audited (no.) as to compliance with:  a. Work Program/Terms and Conditions/Requirements									
	compliance with the Terms and Conditions/Requirements and	Regional Office system audited for WP (no.)				0	0			0%	
	implementation of approved Work Program/Safety, Health,	MPP Compliance audited (no.)	4	4	20	0	0	0%	0%		
	Environmental and Social Development Programs										
		b. Safety, Health, Environment and Social Development (SHES) Programs									
		Regional Office system audited for SHES (no.)	3	5	15	0	0	0%	0%	0%	
											Audit of Regional Office Monitoring system is rescheduled due to the current activity of MSESDD on PMEIA from February
											until March 2021.
3	Mine Rehabilitation Program										
	a. Palawan Quicksilver Mines, Inc. (PQMI)	Project Monitoring and Supervision Conducted (no.)	1	1	1	0	0	0%	0%		
		Studies conducted (no.)	3	3	3	3	0	100%	0%	0%	
											project was based on the WFP submitted by the ERDB on
											March 4, 2021. However, due to insufficient funds released by the DBM for the said project, ERDB was requested to submit a
											new 2021 WFP.

		1	TARGET			ACCOMP	LISHME	NT		
P A P Code / Component Activity Statement	PERFORMANCE INDICATOR	This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.		% Annual	REMARKS
	Audit on the Implementation of PQMI Environmental Management Plan (no.)	0	0	C	) (	0				Annual Target from 4 to 0.Target activities discontinued.  Proposed budget for the activity was not granted due to lack of
b. Other Abandoned/Inactive/Closed Mines	Other Abandoned Mines monitored (no.)	0	0	10	) (	0			0%	funds.
c. Marcopper	RO Monitoring reports submitted to MGBCO (no.)	1	1	4	, C	0	0%	0%	0%	
4 Resolution of Complaints/Cases/Conflicts										
a. Complaints/cases/conflicts investigated/resolved	мдв	1	2	7	, ,	1	0%	50%	14%	
	Mines Adjudication Board Cases deliberated (no.)  Mines Adjudication Board Cases decided-Original Appeal (no.)	1	3	12		) 7				<ol> <li>MAB Case No. 0210-19 Carolina A. Francisco vs. MCG Aggregates and Crushing Plant</li> <li>MAB Case No. 0116-00 Valley Mining and Dev.Corp. vs. Camarin Mining Corp.</li> <li>MAB Case No. 0166-08 Provident Tree Farms Inc. vs. Makilala Mining Corp.</li> <li>MAB Case No. 0154-07 San Juanico Resources Corp. vs. Heirs of Pabilona Jr.</li> <li>MAB Case No. 0202-16 Long Fong vs. Severino Discartin and dolanson dolan dolan</li> <li>MAB Case No. 0211-19 Rogelio V. Llonillo vs. Central Cement Corp.</li> <li>MAB Case No. 0199-15 Nationwide Dev. Corp. vs. Lionshare Dev.Corp.</li> <li>MAB Case No. 0174-08 Mt. Franz Mining Corp. vs. Balatoc Resources Exploration Corp.</li> <li>MAB Case No. 0200-15 Picop Resources Inc. vs. Monkayo Consolidated Mining Corp.</li> <li>MAB Case No. 0203-16 Picop Resources vs. Alberto Mining Corp.</li> <li>MAB Case No. 0204-16 Picop Resources Inc. vs. Pensons Mining Corp.</li> <li>MAB Case No. 0208-18 Picop Resources Inc. vs. Mina Del Oriente Inc.</li> <li>MAB Case No. 0209-19 Picop Resources Inc. vs. Boston Tribal Multi-purpose Cooperative</li> <li>MAB Case No. 0210-19 Carolina A. Francisco vs. MCG Aggregates and Crushing Plant</li> <li>MAB Case No. 0116-00 Valley Mining and Dev.Corp. vs. Camarin Mining Corp.</li> <li>MAB Case No. 0154-07 San Juanico Resources Corp. vs.</li> </ol>
	Mines Adjudication Board Case Resolved - Motions (no.)	0	0	3	s c	1			33%	<ul> <li>Heirs of Pabilona Jr.</li> <li>MAB Case No. 0202-16 Long Fong vs. Severino Discartin and dolanson dolan dolan</li> <li>MAB Case No. 0211-19 Rogelio V. Llonillo vs. Central Cement Corp.</li> <li>MAB Case No. 0174-08 Mt. Franz Mining Corp. vs. Balatoc Resources Exploration Corp.</li> <li>MAB Case No. 0171-08 Holcim vs. Neutron</li> </ul>

	TARGET ACCOMPLISHMENT										
	P A P Code / Component Activity Statement	PERFORMANCE INDICATOR	This Mo.	To Date	Annual	This Mo.	To Date	% This		%	REMARKS
			THIS IVIO.	10 Date	Annual	THIS IVIO.	TO Date	Mo.	Date /	Annual	
		MINERAL RESOURCES AND GEOSCIENCES DEVELOPMENT PROGRAM									
OUTCOME	INDICATOR 1  Number of LGUs informed of the geology and mineral potential				12					0%	
OUTPUT IN	IDICATOR 1		<u> </u>		12			L		076	
0011 01 11	Percentage of Total Philippine area surveyed for geology and										
	mineral potential		0.00%	0.00%	1.20%	0.00%	0.00%			0%	
OUTPUT IN	IDICATOR 2					- I		l l			
	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										
	Research and Development/Special Projects	Areas assessed and studied for REE (no.)	0	0	2	0	0			0%	
		Major river systems assessed (line km.)	5	5	5	0	0	0%	0%	0%	
		Capacity Building	0	0	2	0	0			0%	
3	Geologic Mapping										
	Geological Mapping and Surveys - Quadrangle Mapping										
	Quadrangic Mapping	Quadrangles assessed/surveyed (no.)	0	0	12	0	0			0%	
		Advance Exploration area assessed (no.)	0	0	1	0	0			0%	
		Existing 1:50,000 scale geologic maps upgraded (no.)	19	57	57	38	57	200%	100%	100%	
	Provision of Laboratory Services	Samples analyzed (no.)	443	1,329	5,308	621				26%	
		Determinations made (no.)	28,331	85,000	340,000	39,408	83,147			24%	
		Metallurgical Test conducted (no.)	210	630	2,600	211	1,407	100%	223%	54%	
4	Offshore Exploration	Geophysical and Geological assessment (no.)	0	0	2	0	0			0%	
003: ADAP	I TIVE CAPACITIES OF HUMAN COMMUNITIES AND NATURAL	. SYSTEMS IMPROVED - PROGRAM 1: GEOLOGICAL RISK REDUCTION				<u> </u>	l				
	LIENCY PROGRAM										
OUTCOME	INDICATOR 1:										
	Percentage of LGUs that included geohazard information in their										
	Disaster Risk Reduction and Mitigation Plan, Comprehensive				50%					0%	
	Land Use Plan, and/or Development Plans										
OUTCOME	INDICATOR 1:			· 1		1	1	1	-		
	Number of cities and municipalities where vulnerability and risk		0	0	7	0	0			0%	
	assessment was conducted INDICATOR 2:										
COTCOME	Number of LGUs (cities/municipalities) provided with information,					I	I	I			
	education and communication campaigns on geohazards		0	0	15	0	0			0%	
OUTCOME	INDICATOR 3:										
- C . OOML	Number of LGUs assessed for groundwater resources and										
	vulnerability		0	0	5	1	1			20%	
Program 1	Geological Assessment for Risk Reduction and Resiliency Program (Geoscience Development Services)										

				TARGET			ACCOMP	LISHME	NT		
	P A P Code / Component Activity Statement	PERFORMANCE INDICATOR	This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual	REMARKS
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	0	7	0	0			0%	
	b. Updating of 1:10,000 scale Geohazard Maps	LGUs (cities/municipalities) assessed (no.)	0	0	7	0	0			0%	
	c. Karst Subsidence Hazard Mapping and Assessment (Ground Subsidence Assessment)	LGUs (cities/municipalities) assessed (no.)	0	0	2	0	0			0%	
	Conduct of IEC to LGUs (Intensive IEC Campaign on geohazard and VRA)	Seminars/Workshops conducted (no.)	0	0	15	0	0			0%	
	Printing of 1:10,000 scale maps	Geohazard maps printed (no.)	0	0	6,325		8			0%	
		Geospatial maps maintained (no.)	10,737	10,737	10,737	10,737	10,737	100%	100%	100%	
2	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	0	11	0	0			0%	
3	Groundwater Resource and Vulnerability Assessment										
	Groundwater Resource Assessment	LGUs (cities/municipalities) assessed (no.)	0	0	5	1	1			20%	1 San Fernando City, La Union

Prepared by:

SOCORRO C. OQUENDO

OIC, Planning, Policy and International Affairs Division

Approved by:

ATTY. WILFREDOG. MONCANO

## CY 2021 EXTERNAL ACCOMPLISHMENT REPORT Mines and Geosciences Bureau - Regional Office March 31, 2021

FO-PPIAD-09B

			TARGET ACCOMPLISHMENT								
	P A P Code / Component Activity Statement	PERFORMANCE INDICATOR	This Mo.	To Date	Annual	This Mo.	To Date	% This			REMARKS
								Mo.	Date	Annual	
A.03 - OPE	RATIONS		<u> </u>				<u> </u>	<u> </u>	<u> </u>		
001: NATUF	RAL RESOURCES SUSTAINABLY MANAGED - PROGRAM 1:	MINERAL RESOURCES ENFORCEMENT AND REGULATORY PROGRAM									
	INDICATOR 1										
	Percentage increase in the revenues of government from mineral resources development										
	INDICATOR 2		1					ı	l	1	
	Percentage of monitored mining permits/contracts complying with										
	laws, rules and regulations				75%						
OUTPUT IN	DICATOR 1						•				
	Mining applications (including other mining rights related										
	applications) approved/denied/endorsed within the prescribed		250	655	3,646	397	952	159%	145%	26%	
	period										
	DICATOR 2	T			1		1	1			
	Number of mining permits/contracts monitored		108	318	1,030	161	353	149%	111%	34%	
Drogram 4	Minoral Beautross Enforcement and Beautleton, Brazzon										
Program i	Mineral Resources Enforcement and Regulatory Program										
1	Mineral Investment Promotion Program										
'	Initial investment Fromotion Frogram										
	Issuance of mining permits/contracts (including in areas within	Issuance of mining permits/contracts (no.)	250	655	3,646	404	969	162%	148%	27%	
	mineral reservations) and other related permits	a. Agreements/contracts/permits (FTAA/MPSA/EP/ISAGP/SSMP/MPP)	5	6	75	5	11				
	,	b. Ore Transport Permit (OTP)/Certification	181	528	2,588	298		165%			
		c. Declaration of Mining Project Feasibility (DMPF) acted upon (no.)	0	0	4	0	0			0%	
		d. Other mining related permits	64	121	979	101	228	158%	188%	23%	
	Use It or Lose It Policy	Mining Applications with Final Action (no.)	13	17	156	11	19	85%	112%	12%	
		(DODA)									
	Development of Small-Scale Mining - Assistance to	Inventory of Peoples Small-Scale Mining (PSSM)/Minahang Bayan(MB) Areas, and Quarry/Sand and Gravel (SAG)/Small-Scale Mining (SSM) Sites (no.)									
	Stakeholders	and Quarry/Sand and Graver (SAG)/Smair-Scale Willing (SSW) Sites (110.)	12	16	89	11	15	92%	94%	17%	
		Proposed Minahang Bayan sites endorsed to DENR through MGBCO (no.)	0	0	16	2	4		- ,,	25%	
		Proposed Minahang Bayan sites endorsed to DENR through MGBCO (no.) Declared Minahang Bayan Sites Monitored (no.)	4	4	35	88	9	200%			
		P/CMRBs maintained/operationalized/reconstituted (no.)	88	88	88	82	82	93%	93%	93%	
_	<u></u>										
2	Mining Industry Development Program										
	Monitoring/Audit of Mining Permits/Contracts/Leases/	Mining Rights monitored (no.) as to compliance with:									
	Claims/JOAs (including those within Mineral Reservations) as to	a. Work Program/Terms and Conditions/Requirements	54	159	515	88	192	163%	114%	35%	
	compliance with the Terms and Conditions/Requirements and	MPP Compliance audited (no.)	34	109	313	- 00	102		, 0	3370	
	implementation of approved Work Program/Safety, Health,	Regional Office system audited for WP (no.)									
	Environmental and Social Development Programs	` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `									
		b. Safety, Health, Environment and Social Development (SHES) Programs	54	159	515	73	171	135%	108%	33%	
		Regional Office system audited for SHES (no.)									
	Strengthen Multi-partite Monitoring System		212	212	100	100	100	050/	070/	0.49/	
		ivigb) operationalized (no.)	213	213	198	102	100	85%	8/%	94%	
	Strengthen Multi-partite Monitoring System	Multi-partite Monitoring Teams (MMT) of mining projects (with permits issued by MGB) operationalized (no.)	213	213	198	182	186	85%	87%	94%	

		T		TARGET			ACCOMP	LISHME	NT			
	P A P Code / Component Activity Statement	PERFORMANCE INDICATOR	This Mo. To Date Annual				To Date	% This	% To	%	REMARKS	
			THIS IVIO.	10 Date	Alliudi	TTIIS IVIO.	TO Date	Mo.	Date A	nnual		
3 1	Mine Rehabilitation Program											
4	Resolution of Complaints/Cases/Conflicts											
ا .	a. Complaints/cases/conflicts investigated/resolved	MGB	17	28	148	14	21	82%	75%	14%		
ľ	a. Complaints/cases/conflicts investigated/resolved	Panel of Arbitrators Decided (no.)	0	0	17		2	02 /0	7370	12%		
		Panel of Arbitrators Resolved (no.)	0	0	17		1			6%		
ŀ	Assistance to PENRO/CENRO by embedded personnel	Preliminary Investigation conducted with report submitted to RD (no.)	21	36	186	20	50	95%	139%	27%		
	Anti-Warral Mining Organism	One and Design Orders in sound/installant and design	_	0	50		00	000/	0070/	270/		
C	c. Anti-Illegal Mining Campaign	Cease and Desist Orders issued/implemented (no.) Charges filed with the Provincial/City Prosecutors Office (no.)	5	0	59 29	3	22	80%	367%	37% 28%		
		Charges filed with the Frovincial Oity Frosecutors Office (no.)	1	U	23	3	- 0			2070		
1: NATUR	AL RESOURCES SUSTAINABLY MANAGED - PROGRAM 2:	MINERAL RESOURCES AND GEOSCIENCES DEVELOPMENT PROGRAM		ļ		-						
	NDICATOR 1											
1	Number of LGUs informed of the geology and mineral potential											
JTPUT INC				<u>'</u>								
	Percentage of Total Philippine area surveyed for geology and		0.80%	1.30%	5.20%	0.60%	0.80%	75%	62%	15%		
	mineral potential		0.0070	1.0070	0.2070	0.0070	0.0070	, 0 /0	02 /0	. 5 / 6		
	DICATOR 2			1		1			<del>                                     </del>			
	Number of new mineral reservation areas assessed/endorsed for declaration											
- '	gecial alloli								-			
rogram 2	Mineral Resources and Geosciences Development											
	Communication Plan For Mineral Resources and Geoscience Development											
(	Conduct of Awareness and Advocacy on Mineral Resources and	I Clie and other stakeholders forum conducted (no.)	2	2	16	3	Ω	150%	400%	50%		
	Geosciences Development (MRGD)	Radio/TV Guestings (no.)	2	2	30	5				80%		
		Press Releases/Photo Releases/Feature Stories (no.)	30	90	360	31		103%		26%		
		(very						10070	10070	2070		
	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%		
		IEC materials/collaterals (caps, t-shirts, masks, etc.) produced/reproduced/		,								
		distributed (including climate change) (no.)	1,050	1,150	7,500	596	761			10%		
		Statistics Reports submitted to MGBCO (no.)	60	165	495	57	166	95%	101%	34%		
	Capacity Building Program on MRGD Laws, Rules and	Trainings conducted/socidinated/portion stad on (no.)										
	Capacity Building Program on MRGD Laws, Rules and Regulations	Trainings conducted/coordinated/participated on (no.) a. For LGUs and other stakeholders (NGAs, CSOs, etc.)	2	2	18	ρ	12	400%	433%	72%		
'	Cogdianorio	a. For LGUs and other stakeholders (NGAs, CSOs, etc.) b. For Small-Scale Miners		3 4	29	0	6			21%		
		D. 1 OF STRAIT-SCARE WITHERS	+ 4	4	29	-	0	100/0	130 /0	2170		
1	National and International Linkages	Linkages coordinated (no.)	15	45	180	29	46	193%	102%	26%		
2	National Mineral Reservation Program											
lı	Jpgrading and Development of Existing Mineral Reservation											
	Areas	Existing Mineral Reservation areas monitored and upgraded (no.)	0	0	8	0	0			0%		
									† †			
E	Establishment of New Mineral Reservations	New mineral reservation areas assessed/endorsed for declaration (no.)	0	0	7	0	0			0%		
l,	Research and Development/Special Projects	Areas assessed and studied for REE (no.)	0	0	3	0	0			0%		
		Major river systems assessed (line km.)	5	5	120	5	5	100%	100%	4%		
		Capacity Building	1									

		_		TARGET			ACCOMP	LISHME	NT			
	P A P Code / Component Activity Statement	PERFORMANCE INDICATOR	This Mo. To Date Annual			This Mo. To Date % This Mo.			% To Date A	%	REMARKS	
								IVIO.	Date P	nnual		
3	Geologic Mapping											
	Geological Mapping and Surveys - Quadrangle Mapping											
		Quadrangles assessed/surveyed (no.)	8	13	52	6	8	75%	62%	15%		
										3	2 Jaguimitan (4243-IV) 3 <i>Lambunao (3453-II)</i>	
										4	4 San Francisco (4050-III)	
										ě	5 Madalang Point (3545-II) 6 Compostela (4243-III)	
										7	7 Kraan (3838-II)	
										ľ	8 Bolo-bolo (4048-II)	
		Advance Exploration area assessed (no.)						44.00	0001	1001		
		Existing 1:50,000 scale geologic maps upgraded (no.)	7	12	82	8	11	114%	92%	13%		
	Provision of Laboratory Services	Samples analyzed (no.)	149	403	1,960	215	371			19%		
		Determinations made (no.)  Metallurgical Test conducted (no.)	20,507	58,620	247,360	22,191	39,585	108%	68%	16%		
		intertailurgical rest conducted (no.)										
	Mineral Resource Inventory	Provincial Resource Maps updated and submitted to MGBCO (no.)	1	1	15	1	1	100%	100%	7%		
003: ADAP1	<u> </u> TIVE CAPACITIES OF HUMAN COMMUNITIES AND NATURAL	L SYSTEMS IMPROVED - PROGRAM 1: GEOLOGICAL RISK REDUCTION						<u> </u>	<u> </u>			
	IENCY PROGRAM		1					1				
	INDICATOR 1:  Percentage of LGUs that included geohazard information in their	T										
	Disaster Risk Reduction and Mitigation Plan, Comprehensive				50%					0%		
	Land Use Plan, and/or Development Plans											
	INDICATOR 1:  Number of cities and municipalities where vulnerability and risk								1 1			
	assessment was conducted		10	22	73	10	21	100%	95%	29%		
	INDICATOR 2:		1			1			1			
	Number of LGUs (cities/municipalities) provided with information, education and communication campaigns on geohazards		4	7	75	3	7	75%	100%	9%		
	INDICATOR 3:	<u> </u>	<u>l</u>									
	Number of LGUs assessed for groundwater resources and		7	11	45	6	11			24%		
	vulnerability		'	- ''	40					_ 7/0		
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											
	Land Geological Assessinent											
	Field Mapping and Survey											
	a. Vulnerability and Risk Assessment (VRA)	LGUs (cities/municipalities) assessed (no.)	10	22	73	10	21	100%	95%	29% 1	1 Boliney, Abra	
	, , ,									2	2 Abucay, Bataan	
										3	3 Rodriguez, Rizal 4 Magdiwang, Romblon	
										5	inagaiwang, Rombion Gajidiocan, Rombion	
										6	San Fernando, Romblon	

			TARGET			ACCOMF	PLISHME	ENT		
P A P Code / Component Activity Statement	PERFORMANCE INDICATOR	This Mo.	To Date	Annual	This Mo.	To Date	% This	% To Date	% Annua	REMARKS
b. Updating of 1:10,000 scale Geohazard Maps	LGUs (cities/municipalities) assessed (no.)	10	22	73	10	21	100%		. 29%	7 Gigmoto, Catanduanes 8 Bagamanoc, 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
c. Karst Subsidence Hazard Mapping and Assessment (Ground Subsidence Assessment)	LGUs (cities/municipalities) assessed (no.)	0	0	16	C	(	)		0%	6
Conduct of IEC to LGUs (Intensive IEC Campaign on geohazard and VRA)	Seminars/Workshops conducted (no.)	4	7	75	3	7	7 75%	100%	9%	1 Carmona, Cavite 2 San Pedro, Laguna 3 Santa Rosa, Laguna 4 Malay, Aklan 5 Nabas, Aklan 6 Kawayan, Biliran 7 Almeria, Biliran
Capacity Building on Geosciences	Training/seminars conducted for/ attended by MGB technical personnel (no.)	8	17	81	12	39	150%	229%	48%	
Geohazards Operation Center	Geohazards Operation Center Maintained (no.)	15	15	15	15	15	100%	100%	100%	<u>.</u>

P A P Code / Component Activity Statement				TARGET			ACCOMF	LISHME	NT			
		PERFORMANCE INDICATOR	This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual	REMARKS	
2	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	0	9	0	2			22%	<ol> <li>Jose Dalman, Zamboanga Del Norte</li> <li>Manukan, Zamboanga del Norte</li> </ol>	
3	Groundwater Resource and Vulnerability Assessment											
	Groundwater Resource Assessment	LGUs (cities/municipalities) assessed (no.)	7	11	45	6	11	86%	100%	24%	<ol> <li>Lubuagan, Kalinga</li> <li>Castillejos, Zambales</li> </ol>	
											3 Nagcarlan, Laguna 4 Medina, Misamis Oriental	
											5 Digos City, Davao del Sur 6 San Marcelino, Zambales	
											<ol> <li>Malabuyoc, Cebu</li> <li>Tabango, Leyte</li> <li>Diplahan, Zamboanga Sibugay</li> </ol>	
							/	,			10 Talisayan, Misamis Oriental 11 Lake Sebu, South Cotabato	
							_/				11 Lake Sebu, South Cotabato	

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