

Tier 1

Agency: Mines and Geosciences Bureau (MGB) XI

UACS	PROGRAMS/PROJECTS/ ACTIVITIES	BRIEF PROGRAM/ PROJECT DESCRIPTION	SPATIAL COVERAGE		RDP RESULTS MATRIX (RM) INDICATOR ADDRESSED	INVESTMENT TARGETS (IN PHP'000)	SOURCE OF FUNDS	REMARKS
			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	A.01-GENERAL ADMINISTRATION AND SUPPORT					4,008	GAA	
	A.01.a-General Management and Supervision - Central Office & Regional Office (CO & RO)		REGIONWIDE			4,008	GAA	
	1. Administrative	Monitoring Report prepared (no.)				2,550	GAA	
	2. Financial Management Services	Report prepared (no.)				745	GAA	
	3. Planning and Policy Formulation	MGB Work and Financial Plan finalized (no.)				713	GAA	
		Proposed Budget submitted (no.)						
		Consolidated Physical Accomplishment Reports submitted (no.)						
		Validation conducted (no.)						
		Regional Offices Performance Rating posted (no.)						
		Annual Report prepared (no.)						
	International Organizations Standards (ISO) 14001:2015	No. of trainings conducted (no.)						
	A.01.b- Human Resource Development - Central Office							
	1. Human Resource Development Service							

Tier 1

Agency: Mines and Geosciences Bureau (MGB) XI

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	a. Program Monitoring and Evaluation	Program Implementation Report (no.)						
	b. HR Plan	Competency-Based System, Needs Assessment and 5-Yr HR Plan prepared (no.)						
	b. Training and Career Development Program	Training and Development Programs conducted/implemented no.)						
	c. Local Scholarship Program	MGB Undergraduate Scholars managed (no.)						
	A.01.c. Administration of Personnel Benefits							
	A.02 SUPPORT TO OPERATIONS		REGIONWIDE				GAA	
	A.02.a Planning and Policy Formulation - CO & RO						GAA	
	1. Prepare/review/update/revise/monitor and evaluate	Plans prepared(no.)						
	Short-Term to Long-Term plans for MRGS programs/projects	Program implemented/monitored (no.)						

Tier 1

Agency: Mines and Geosciences Bureau (MGB) XI

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	2. Formulate, review/revise, develop and implement mineral policies and guidelines	Policies/Guidelines reviewed/endorsed to DENR (no.)						
	3. Coordinate with National and International Linkages	Linkages with NGAs/LGUs/stakeholders coordinated/participated (no.)					GAA	
		Linkages with International Organizations - ASEAN, APEC, CCOP, etc. (no.)						
	4. Conduct investigation, provide legal assistance	Investigation assisted (no.)						
	and resolve mine related cases	Hearings attended (no.)						
	A.03 OPERATIONS					21,292	GAA	
	ORGANIZATIONAL OUTCOMES 1: NATURAL RESOURCES SUSTAINABLY MANAGED					3,546		
	PROGRAM 1: MINERAL RESOURCES ENFORCEMENT AND REGULATORY PROGRAM					1,989		
	SUB PROGRAM - MINING REGULATION SERVICES					1,989	GAA	
	PI 1 Permit Issuance							

Tier 1

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	<i>Quantity: Number of mining permits/contracts issued and agreements endorsed for approval</i>							
	<i>Timeliness: Percentage of agreements entered into within 4 months from tendering</i>							
	1. Mineral Investment Promotion Program					738	GAA	
	a. Issuance of mining contracts/permits including areas within mineral reservations and other related permits							
	1. Issuance of Permits/ Contracts	Issued/endorsed mining rights/contracts/permits (no.)						
		a) Agreements/contracts/permits (FTAA/MPSA/EP/ISAGP/SSMP/MPP/MOEP)	REGIONWIDE			145	GAA	
		b) Ore Transport Permit (OTP)/Certification (no.)	REGIONWIDE			138	GAA	
		b.1) Ore Transport Permit (OTP)						
		b.2) Certification (no.)						
		c) Others (CEMCRR/CoE/Accreditation/DMPF for RO-issued MPP)	REGIONWIDE			17	GAA	
		c.1 Accreditation						

Tier 1

Agency: Mines and Geosciences Bureau (MGB) XI

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
		c.2 CEMCRR/CoE						
		d) MOEP						
	2. Use It or Lose It Policy	a) Mining applications with final action (no.)	REGIONWIDE			14	GAA	
		b) Mining Permits/Contracts reviewed/endorsed for Cancellation (no.)				119	GAA	
	3. Approval of SHES Programs	1) EPEP/FMRDP/PEIR endorsed to MRFC (no.)	REGIONWIDE					
		2) Annual EPEP approved (no.)				3	GAA	
		3) SDMP/CDP approved (no.)				1	GAA	
		4) Annual SDMP approved (no.)				3	GAA	
		5) Annual Safety and Health Programs approved /CMP (no.)	REGIONWIDE			3	GAA	
		6) Environmental Work Program endorsed to MMD (no.)				1	GAA	
		7) Care and Maintenance Program (CMP)						
		8) NGP Monitoring Reports Submitted (no.)						
	Measures to improve Small-Scale Mining per EO No. 79							
	b. Assistance to P/CMRB LGUs/other Stakeholders							
		1) Provinces Inventoried for Small Scale Mining Sites (no.)	REGIONWIDE			162	GAA	
		2) Minahang Bayan Sites Identified (no.)	REGIONWIDE			11	GAA	

Tier 1

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
		3) Minahang Bayan Sites endorsed to DENR through MGBCO (no.)						
		4) P/CMRB operationalized/reconstituted (no)						
		5) P/CMRB reconstituted (no)						
		6) Meetings conducted/participated (no.)	REGIONWIDE			120	GAA	
		7) P/CMRB regional consultations conducted (no.)	REGIONWIDE					
		8) Technical Assistance (SSMiners/LGUs trained) (no.)						
	PI 2 Monitoring							
	<i>Quantity: Number of sites and facilities monitored and/or inspected with reports issued</i>							
	<i>Quality: Percentage of agreements with 1 or more violations over the last 3 years</i>							
	<i>Timeliness: Percentage of sites that have been inspected more than twice in the last 2 years</i>							
	2. Mining Industry Development Program		REGIONWIDE			916	GAA	

Tier 1

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	a. Monitor/audit of approved mining contracts/ permits including areas within mineral reservations as to compliance to the implementation of approved Work Program and Safety, Health, Environment and Social Programs	Permit areas/projects monitored/audited (no.)						
		1. Work Program				338	GAA	
	Full Enforcement of Environmental Standards in Mining Operations pursuant to EO No. 79	2. Safety, Health, Environment and Social Programs						
		a) No. of permits/contracts	REGIONWIDE					
		b) No. of monitoring	REGIONWIDE			578	GAA	
		c) Mine Waste and Tailings Verification						
		b) ME/EE Inspection						
		3. Monitoring of report on Mining Forest Program						
	b. Strengthen Multi-Partite Monitoring System	1. Multi-Partite Monitoring Team (MMT) operationalized (no.)						
	3. Mine Rehabilitation Program							
	a. Bagacay Mine area	Reforestation of Peripheral site conducted (ha.)						
		(establishment, care and maintenance of area)						

Tier 1

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
		Engineering Mitigating Measures implemented (no.)						
		<i>(Limestone Rock Dam enhancement, diversion channel/pipeline</i>						
		<i>construction, Slope stabilization, etc.)</i>						
		Revegetation/Reforestation of Bagacay Mine Area conducted (ha.)						
		Reconnaissance Survey of Abandoned/Inactive Closed Mine Sites (no.)						
	b. Other Abandoned/Inactive/Closed Mines	Risk Assessment of Abandoned/inactive mining areas/sites conducted (no.)						
		<i>(Mine Environmental Management Plan prepared)</i>						
		Implementation of Mine Environmental Management Plan (no.)						
	c. Marcopper	Mine Environmental Mgt. Plan prepared/implemented (no.)						
		Mine Environmental Mgt. Plan monitored (no.)						
		Monitoring reports submitted to MGBCO (no.)						
	PI 3 Enforcement					335		

Tier 1

Agency: Mines and Geosciences Bureau (MGB) XI

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	<i>Quantity: Number of violations or complaints acted upon with reports issued</i>							
	<i>Quality: Percentage of submitted reports that resulted in the issuance of notice of violations and penalties imposed</i>							
	<i>Timeliness: Percentage of complaints or detected violations that are acted upon earlier than the prescribed period</i>							
	4. Resolution of Complaints/Cases/Conflicts	Complaints/Cases/conflicts investigated/resolved (no.)	REGIONWIDE			335	GAA	
		a. MGB				19	GAA	
		b. Panel of Arbitrators (PAs)				121	GAA	
		b.1. Quarterly Accomplishment Report of the Panel of Arbitrators						
		Mines Adjudication Board resolved/deliberated (no.)						
	Addressing Illegal Mining Operations per EO No. 79							
	Anti-Illegal Mining	Illegal Mining Sites with Cease and Desist Order (CDO) issued/implemented (no.)	REGIONWIDE			100	GAA	

Tier 1

Agency: Mines and Geosciences Bureau (MGB) XI

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
						Complaints/Charges filed with the Provincial Prosecutors Office (no.)		
	PROGRAM 2: MINERAL RESOURCES AND GEOSCIENCES DEVELOPMENT PROGRAM					1,557		
	A.02.b Mineral Economics, Information and Communication Plan - CO & RO					488	GAA	
	1. Conduct Awareness and Advocacy on Mineral Resources and Geosciences Development (MRGD)							
		a. LGUs and other stakeholders forum conducted (no.)						
		1. Dialogues with Sangguniang Panlalawigan	REGIONWIDE			291	GAA	
		2. Dialogues with other groups (Religious, CSO, Academe, etc.)	REGIONWIDE			17	GAA	
		b. Radio/TV Guestings attended (no.)						
		c. Press/photo releases/feature stories conferences/media interviews conducted (no.)						
		IEC conducted/organized/participated (no.) - Central Office						

Tier 1

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	2. Capacity Building on MRGS laws, rules and regulations	Workshops/training conducted/ coordinated/participated on: (no.)						
		a) for MGB Personnel						
		b) for LGUs and Other Stakeholders	REGIONWIDE			57	GAA	
	(new) Communication Plan and Advcacy Program	c) Small-Scale Miners				-	GAA	
	3. Generate Mineral Economics information/Publish and disseminate IEC materials	a. Website maintained (no.)						
		a.1 Articles Posted						
		b. IEC materials produced						
		c. IEC materials reproduced/distributed (no.)	REGIONWIDE			3	GAA	
		d. Statistics reports submitted to MGBCO (no.)						
		e. Maps/Map Info Database submitted to MGBCO (no.)						
		f. MRGS reports submitted to MGBCO (no.)						
		g. Linkages				120		
		Strategic Mineral Information Systems managed/developed						
		maintained (no.) - Central Office						
		Information materials generated/ published/disseminated (no.) - Central Office						
		Statistics reports generated/monitored/ validated (no.) - Central Office						

Tier 1

Agency: Mines and Geosciences Bureau (MGB) XI

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	A.02.c Research and Development - Central Office							
	1. Research Studies on Mineral Resources and Geosciences Development (MRGD) Programs	Research/studies conducted (no.)						
		Reports prepared (no.)						
	<i>Establishment of Mineral Reservations per EO No. 79</i>							
	3. National Mineral Reservation Program					1,069		
	a. Establishment of New Mineral Reservations	Area assessed/endorsed for declaration (no.)			Number of High Mineral Potential Areas within Mineral Reservation Identified and Assessed	1,069		
	b. Research and Development / Special Projects	Research/Studies conducted/developed (no.)						
	c. Mineral Reservation Program Administration	MGB Facilities/Equipment upgraded/ maintained/enhanced (no.)						

Tier 1

Agency: Mines and Geosciences Bureau (MGB) XI

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	ORGANIZATIONAL OUTCOMES 3: ADAPTIVE CAPACITIES OF HUMAN COMMUNITIES AND NATURAL SYSTEMS IMPROVED					17,746		
	PROGRAM 1: GEOLOGICAL RISK AND RESILIENCY PROGRAM					17,746		
	SUB PROGRAM - GEOLOGICAL ASSESSMENT FOR RISK REDUCTION AND RESILIENCY					13,278	GAA	
	1. Land Geohazard Assessment					12,452	GAA	
	a. Field Mapping and Survey (1:10,000 scale)				Number of vulnerability risk assessment conducted in geohazard areas	12,452		
	1. Vulnerability and Risk Assessment	LGUs assessed			Number of vulnerability risk assessment conducted in geohazard areas	9,439	GAA	
		a) City/Municipality (no.)	REGIONWIDE			-	GAA	
		b) Geohazard Report prepared (no.)						

Tier 1

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	2. Updating of 1:10,000 scale Geohazards Maps	LGUs assessed						
	(as a result of changes due to natural calamities)	a) City/Municipality (no.)	REGIONWIDE					
		b) Geohazard Report prepared (no.)						
	3. Detailed Sub-surface Assessment	LGUs assessed	REGIONWIDE			1,787	GAA	
		a) City/Municipality (no.)						
		b) Geohazard Report prepared (no.)						
	4. Intensive IEC Campaign (IEC Campaign on Geohazrd and (IEC Campaign on Geohazard and VRA Maps) Maps	a) Consultation/Seminars/Workshops for Barangay	REGIONWIDE			1,197	GAA	
	(IEC Campaign on Geohazard and VRA Maps)	Captains and Officials conducted (no.)						
		b) Lectures presented (no.)						
		c) Advisories issued (no.)						
		d) Activity/exit reports issued (no.)						
	5. Production of Geohazard/VRA Maps	Geohazard/VRA Maps Prepared (no.)						
	6. Printing of 1:10,000 scale maps	Map sheets printed/produced (no.)						

Tier 1

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	7. Geohazard IEC Materials Dissemination	a) Maps disseminated (no.)						
		b) Posters dissemination (no.)						
		c) VCDs disseminated (no.)						
		d) Pamphlets/flyers disseminated (no.)						
		e) Signages provided/installed (no.)						
		f) Tri-Media (no.)						
	8. Capacity Building	Training/seminars for MGB technical personnel (no.)						
	9. Geohazards Operation Center	a) Geohazards Operation Center Maintained (no.)	REGIONWIDE			29	GAA	
		b) Advisories re issued (no.)						
		c) Incident/flash reports prepared (no.)						
		d) PDRA meetings attended (no.)						
	2. Coastal Geohazard and Impact of Climate Change		REGIONWIDE		Number of Coastal Geohazard, Geologic Mapping and Impact of Climate Change Assessment conducted *SDG-14	826	GAA	
	a. Field Mapping and Survey (1:10,000 scale)	LGUs assessed				826	GAA	

Tier 1

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
		a) City/Municipality (no.)						
		b) Reports with maps prepared (no.)						
	b. Production of Coastal Geohazard Maps	a) Coastal Geohazard/VRA Maps prepared (no.)						
		b) Advisories issued (no.)						
		c) Activity/exit report (no.)						
	c. Capacity Building	Training/seminars for MGB technical personnel (no.)						
	d. Conduct of IEC to LGUs	a) Municipal LGUs (no.)						
		b) Seminars/workshops/ lectures conducted (no.)						
	e. Operation and Maintenance of RPS Explorer (Central Office only)							
	SUB PROGRAM - MINERAL RESOURCES DEVELOPMENT					4,467	GAA	
	<i>Quantity: Number of new mineral reservation areas assessed/endorsed for declaration</i>							
	<i>Quality: Percentage of area surveyed that is identified as a mineral reservation</i>							

Tier 1

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	<i>Quality: Percentage of stakeholders who rate the quality of MGB Mineral Reservation maps as good or better</i>							
	<i>Quality: Percentage increase in the peso value of royalty payments collected</i>							
	<i>Timeliness: Percentage of Philippine territory surveyed (geological exploration) at least once in the last 3 years</i>							
	1. Geologic Mapping		REGIONWIDE		Number of Coastal Geohazard, Geologic Mapping and Impact of Climate Change Assessment conducted *SDG-14	2,005	GAA	

Tier 1

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			PROVINCE	CONGRESSIONAL DISTRICT				
	a. Geologic Quadrangle Mapping and Surveys	1) Quadrangle Assessed (no.)			Number of Coastal Geohazard, Geologic Mapping and Impact of Climate Change Assessment conducted *SDG-14	2,005	GAA	
		2) Geologic Reports with Map prepared (no.)						
	b. Mineral Exploration (Central Office)							
	c. Laboratory Services	1) Samples analyzed (no.)						
		2) Determinations Made (no.)						
	d. Mineral Resources Inventory	Provincial resource maps updated and submitted to MGB-CO						
	Groundwater Resource Assessment	LGUs assessed	REGIONWIDE		Number Groundwater Resources and Vulnerability Assessment conducted *SDG-6	2,462	GAA	
		a) Province (no.)				2,462	GAA	
		b) Hydrogeologic reports with 1:250,000 groundwater availability map (no.)				-	GAA	

Tier 1

Agency: Mines and Geosciences Bureau (MGB) XI

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	2. Miscellaneous Geological Services					-		
	a. Technical Assistance Provided	1) Investigation reports prepared (no.)						
	(GSS/GIR/GVR/EGGAR/SLF/Reloc ation)	2) Clients served (no.)						
	TOTAL					25,300	GAA	

Tier 2

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			PROVINCE	CONGRESSIONAL DISTRICT				
						2020		
	A.01 GENERAL ADMINISTRATION AND SUPPORT		Regionwide			102,000	GAA	
	A.01.a General Management and Supervision - Central Office & Regional Office (CO & RO)					102,000	GAA	
	1. Administrative	New Building Construction for the New Government Center in Bago Oshio, Mintal, Davao City				100,000	GAA	New Building Construction for the New Government Center in Bago Oshio, Mintal, Davao City
	2. Financial Management Services	Report prepared (no.)				-	GAA	
	3. Planning and Policy Formulation	MGB Work and Financial Plan finalized (no.)				-	GAA	
		Proposed Budget submitted (no.)						
		Consolidated Physical Accomplishment Reports submitted (no.)						
		Validation conducted (no.)						
		Regional Offices Performance Rating posted (no.)						
		Annual Report prepared (no.)						

Tier 2

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	(new) International Organizations Standards (ISO) 14001:2015 EMS; ISO 45001:2018 Occupational Health and Safety (OH&S) Management System	No. of trainings conducted (no.)				2,000	GAA	
	A.01.b Human Resource Development - Central Office							
	1. Human Resource Development Service							
	a. Program Monitoring and Evaluation	Program Implementation Report (no.)						
	b. HR Plan	Competency-Based System, Needs Assessment and 5-Yr HR Plan prepared (no.)						
	c. Training and Career Development Program	Training and Development Programs conducted/implemented no.)						
	d. Local Scholarship Program	MGB Undergraduate Scholars managed (no.)						
	A.01.c Administration of Personnel Benefits							
	A.02 SUPPORT TO OPERATIONS						GAA	

Tier 2

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	A.02.a Planning and Policy Formulation - CO & RO					-	GAA	
	1. Prepare/review/ update/revise/monitor and evaluate	Plans prepared(no.)						
	Short-Term to Long-Term plans for MRGS programs/projects	Program implemented/monitored (no.)						
	2. Formulate, review/revise, develop and implement mineral policies and guidelines	Policies/Guidelines reviewed/endorsed to DENR (no.)						
	3. Coordinate with National and International Linkages	Linkages with NGAs/LGUs/ stakeholders coordinated/ participated (no.)					GAA	
		Linkages with International Organizations - ASEAN, APEC, CCOP, etc. (no.)						
	4. Conduct investigation, provide legal assistance	Investigation assisted (no.)						
	and resolve mine related cases	Hearings attended (no.)						
	A.03 OPERATIONS		REGIONWIDE			23,500	GAA	
	ORGANIZATIONAL OUTCOMES 1: NATURAL RESOURCES SUSTAINABLY MANAGED						15,000	

Tier 2

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	PROGRAM 1: MINERAL RESOURCES ENFORCEMENT AND REGULATORY PROGRAM					15,000		
	SUB PROGRAM - MINING REGULATION SERVICES					10,000	GAA	
	PI 1 Permit Issuance							
	<i>Quantity: Number of mining permits/contracts issued and</i>							
	<i>Timeliness: Percentage of agreements entered into within 4</i>							
	1. Mineral Investment Promotion Program					-	GAA	
	a. Issuance of mining contracts/permits including areas within mineral reservations and other related permits							
	1. Issuance of Permits/ Contracts	Issued/endorsed mining rights/ contracts/permits (no.)						
		a) Agreements/contracts/permits (FTAA/MPSA/EP/ISAGP/SSMP/M PP/MOEP)				-	GAA	
		b) Ore Transport Permit (OTP)/ Certification (no.)				-	GAA	
		b.1) Ore Transport Permit (OTP)						
		b.2) Certification (no.)						

Tier 2

Agency: Mines and Geosciences Bureau (MGB) XI

UACS	PROGRAMS/ PROJECTS/ACTIVITIES	BRIEF PROGRAM/ PROJECT DESCRIPTION	SPATIAL COVERAGE		RDP RESULTS MATRIX (RM) INDICATOR ADDRESSED	INVESTMENT TARGETS (IN PHP'000)	SOURCE OF FUNDS	REMARKS
			PROVINCE	CONGRESSIONAL DISTRICT		2020		
		c) Others (CEMCRR/ CoE/Accreditation/DMPF for RO- issued MPP)				-	GAA	
		c.1 Accreditation						
		c.2 CEMCRR/CoE						
		d) MOEP						
	2. Use It or Lose It Policy	a) Mining applications with final action (no.)				-	GAA	
		b) Mining Permits/Contracts reviewed/endorsed for Cancellation (no.)				-	GAA	
	3. Approval of SHES Programs	1) EPEP/FMRDP/PEIR endorsed to MRFC (no.)						
		2) Annual EPEP approved (no.)				-	GAA	
		3) SDMP/CDP approved (no.)				-	GAA	
		4) Annual SDMP approved (no.)				-	GAA	
		5) Annual Safety and Health Programs approved /CMP (no.)				-	GAA	
		6) Environmental Work Program endorsed to MMD (no.)				-	GAA	
		7) Care and Maintenance Program (CMP)						
		7) NGP Monitoring Reports Submitted (no.)						
	Measures to improve Small- Scale Mining per EO No. 79							

Tier 2

Agency: Mines and Geosciences Bureau (MGB) XI

UACS	PROGRAMS/ PROJECTS/ACTIVITIES	BRIEF PROGRAM/ PROJECT DESCRIPTION	SPATIAL COVERAGE		RDP RESULTS MATRIX (RM) INDICATOR ADDRESSED	INVESTMENT TARGETS (IN PHP'000)	SOURCE OF FUNDS	REMARKS
			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	b. Assistance to P/CMRB LGUs/other Stakeholders							
		1) Provinces Inventoried for Small Scale Mining Sites (no.)				-	GAA	
		2) Minahang Bayan Sites Identified (no.)				-	GAA	
		3) Minahang Bayan Sites endorsed to DENR through MGBCO (no.)						
		4) P/CMRB operationalized/reconstituted (no)						
		5) P/CMRB reconstituted (no)						
		6) Meetings conducted/participated (no.)				-	GAA	
		7) P/CMRB regional consultations conducted (no.)						
		8) Technical Assistance (SSMiners/LGUs trained) (no.)						
	PI 2 Monitoring							
		<i>Quantity: Number of sites and facilities monitored and/or</i>						
		<i>Quality: Percentage of agreements with 1 or more violations</i>						
		<i>Timeliness: Percentage of sites that have been inspected</i>						

Tier 2

Agency: Mines and Geosciences Bureau (MGB) XI

UACS	PROGRAMS/ PROJECTS/ACTIVITIES	BRIEF PROGRAM/ PROJECT DESCRIPTION	SPATIAL COVERAGE		RDP RESULTS MATRIX (RM) INDICATOR ADDRESSED	INVESTMENT TARGETS (IN PHP'000)	SOURCE OF FUNDS	REMARKS
			PROVINCE	CONGRESSIONAL DISTRICT				
						2020		
	2. Mining Industry Development Program					10,000	GAA	
	a. Monitor/audit of approved mining contracts/ permits including areas within mineral reservations as to compliance to	Permit areas/projects monitored/audited (no.) 1. Work Program				-	GAA	
	Full Enforcement of Environmental Standards in Mining Operations pursuant to EO No. 79	2. Safety, Health, Environment and Social Programs						
		a) No. of permits/contracts						
		b) No. of monitoring				-	GAA	
		c) Mine Waste and Tailings Verification						
		b) ME/EE Inspection						
		3. Monitoring of report on Mining Forest Program						
	b. Strengthen Multi-Partite Monitoring System	1. Multi-Partite Monitoring Team (MMT) operationalized (no.)						
	3. Mine Rehabilitation Program							
	a. Bagacay Mine area	Reforestation of Peripheral site conducted (ha.) <i>(establishment, care and maintenance of area)</i>						
		Engineering Mitigating Measures implemented (no.) <i>(Limestone Rock Dam enhancement, diversion channel/pipeline)</i>						

Tier 2

Agency: Mines and Geosciences Bureau (MGB) XI

UACS	PROGRAMS/ PROJECTS/ACTIVITIES	BRIEF PROGRAM/ PROJECT DESCRIPTION	SPATIAL COVERAGE		RDP RESULTS MATRIX (RM) INDICATOR ADDRESSED	INVESTMENT TARGETS (IN PHP'000)	SOURCE OF FUNDS	REMARKS
			PROVINCE	CONGRESSIONAL DISTRICT		2020		
		<i>construction, Slope stabilization, etc.)</i>						
		Revegetation/Reforestation of Bagacay Mine Area conducted (ha.)						
		Reconnaissance Survey of Abandoned/Inactive Closed Mine Sites (no.)						
	b. Other Abandoned/ Inactive/Closed Mines	Risk Assessment of Abandoned/inactive mining areas/sites conducted (no.)						
	c. Mine-out Areas Rehabilitation and Development Program	<i>(Mine Environmental Management Plan prepared)</i>				10,000		
		Implementation of Mine Environmental Management Plan (no.)						
	c. Marcopper	Mine Environmental Mgt. Plan prepared/implemented (no.)						
		Mine Environmental Mgt. Plan monitored (no.)						
		Monitoring reports submitted to MGBCO (no.)						
	PI 3 Enforcement							
		Quantity: Number of violations or complaints acted upon						
		Quality: Percentage of submitted reports that resulted in						

Tier 2

Agency: Mines and Geosciences Bureau (MGB) XI

UACS	PROGRAMS/ PROJECTS/ACTIVITIES	BRIEF PROGRAM/ PROJECT DESCRIPTION	SPATIAL COVERAGE		RDP RESULTS MATRIX (RM) INDICATOR ADDRESSED	INVESTMENT TARGETS (IN PHP'000)	SOURCE OF FUNDS	REMARKS
			PROVINCE	CONGRESSIONAL DISTRICT		2020		
		<i>Timeliness: Percentage of complaints or detected violations</i>						
	4. Resolution of Complaints/Cases/ Conflicts	Complaints/Cases/ conflicts investigated /resolved (no.)				-	GAA	
		a. MGB				-	GAA	
		b. Panel of Arbitrators (PAs)				-	GAA	
		b.1. Quarterly Accomplishment Report of the Panel of Arbitrators						
		Mines Adjudication Board resolved/deliberated (no.)						
	Addressing Illegal Mining Operations per EO No. 79							
	Anti-Illegal Mining	Illegal Mining Sites with Cease and Desist Order (CDO) issued/ implemented (no.)				-	GAA	
		Complaints/Charges filed with the Provincial Prosecutors Office (no.)				-	GAA	
	PROGRAM 2: MINERAL RESOURCES AND GEOSCIENCES DEVELOPMENT PROGRAM						5,000	
	SUB PROGRAM - MINERAL RESOURCES DEVELOPMENT						5,000	GAA
	<i>Quantity: Number of new mineral reservation areas assessed/endorsed for declaration</i>							
	<i>Quality: Percentage of area surveyed that is identified as a mineral reservation</i>							
	<i>Quality: Percentage of stakeholders who rate the quality of MGB Mineral Reservation maps as good or better</i>							

Tier 2

Agency: Mines and Geosciences Bureau (MGB) XI

UACS	PROGRAMS/ PROJECTS/ACTIVITIES	BRIEF PROGRAM/ PROJECT DESCRIPTION	SPATIAL COVERAGE		RDP RESULTS MATRIX (RM) INDICATOR ADDRESSED	INVESTMENT TARGETS (IN PHP'000)	SOURCE OF FUNDS	REMARKS
			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	<i>Quality: Percentage increase in the peso value of royalty payments collected</i>							
	<i>Timeliness: Percentage of Philippine territory surveyed (geological exploration) at least once in the last 3 years</i>							
	A.02.b Mineral Economics, Information and Communication Plan		REGIONWIDE			5,000	GAA	
	1. Conduct Awareness and Advocacy on Mineral Resources and Geosciences Development	a. LGUs and other stakeholders forum conducted (no.)						
		1. Dialogues with Sangguniang Panlalawigan				-	GAA	
		2. Dialogues with other groups (Religious, CSO, Academe, etc.)				-	GAA	
		b. Radio/TV Guestings attended (no.)						
		c. Press/photo releases/feature stories conferences /media						
		interviews conducted (no.)						
		IEC conducted/ organized/participated (no.) - Central Office						
	2. Capacity Building on MRGS laws, rules and regulations	Workshops/training conducted/ coordinated/participated on: (no.)						
		a) for MGB Personnel						
		b) for LGUs and Other Stakeholders				-	GAA	

Tier 2

Agency: Mines and Geosciences Bureau (MGB) XI

UACS	PROGRAMS/ PROJECTS/ACTIVITIES	BRIEF PROGRAM/ PROJECT DESCRIPTION	SPATIAL COVERAGE		RDP RESULTS MATRIX (RM) INDICATOR ADDRESSED	INVESTMENT TARGETS (IN PHP'000)	SOURCE OF FUNDS	REMARKS
			PROVINCE	CONGRESSIONAL DISTRICT		2020		
			REGIONWIDE					
	Provincial Environmental Education Program (PEEP)	c) Small-Scale Miners	REGIONWIDE			5,000	GAA	
	3. Generate Mineral Economics information/Publish and disseminate IEC materials	a. Website maintained (no.)						
		a.1 Articles Posted						
		b. IEC materials produced						
		c. IEC materials reproduced/distributed (no.)				-	GAA	
		d. Statistics reports submitted to MGBCO (no.)						
		e. Maps/Map Info Database submitted to MGBCO (no.)						
		f. MRGS reports submitted to MGBCO (no.)						
		g. Linkages						
		Strategic Mineral Information Systems managed/ developed/ maintained (no.) - Central Office						
		Information materials generated/ published/disseminated (no.) - Central Office						
		Statistics reports generated/monitored/ validated (no.) - Central Office						

Tier 2

Agency: Mines and Geosciences Bureau (MGB) XI

UACS	PROGRAMS/ PROJECTS/ACTIVITIES	BRIEF PROGRAM/ PROJECT DESCRIPTION	SPATIAL COVERAGE		RDP RESULTS MATRIX (RM) INDICATOR ADDRESSED	INVESTMENT TARGETS (IN PHP'000)	SOURCE OF FUNDS	REMARKS
			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	Research and Development - Central Office							
	1. Research Studies on Mineral Resources	Research/studies conducted (no.)						
	and Geosciences Development (MRGD) Programs	Reports prepared (no.)						
	<i>Establishment of Mineral Reservations per EO No. 79</i>							
	3. National Mineral Reservation Program							
	a. Establishment of New Mineral Reservations	Area assessed/endorsed for declaration (no.)						
	b. Research and Development / Special Projects	Research/Studies conducted/developed (no.)						
	c. Mineral Reservation Program Administration	MGB Facilities/Equipment upgraded/maintained/enhanced (no.)						
	ORGANIZATIONAL OUTCOMES 3: ADAPTIVE CAPACITIES OF HUMAN COMMUNITIES AND NATURAL SYSTEMS IMPROVE					8,500		
	PROGRAM 1: GEOLOGICAL RISK AND RESILIENCY PROGRAM					8,500		
	SUB PROGRAM - GEOLOGICAL ASSESSMENT FOR RISK REDUCTION AND RESILIENCY					8,500	GAA	
	1. Land Geohazard Assessment					-	GAA	

Tier 2

Agency: Mines and Geosciences Bureau (MGB) XI

UACS	PROGRAMS/ PROJECTS/ACTIVITIES	BRIEF PROGRAM/ PROJECT DESCRIPTION	SPATIAL COVERAGE		RDP RESULTS MATRIX (RM) INDICATOR ADDRESSED	INVESTMENT TARGETS (IN PHP'000)	SOURCE OF FUNDS	REMARKS
			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	a. Field Mapping and Survey (1:10,000 scale)							
	1. Vulnerability and Risk Assessment	LGUs assessed			Number of vulnerability risk assessment conducted in geohazard areas	-	GAA	
		a) City/Municipality (no.)					GAA	
	2. Updating of 1:10,000 scale Geohazards Maps	LGUs assessed						
	(as a result of changes due to natural calamities)	a) City/Municipality (no.)						
		b) Geohazard Report prepared (no.)						
	3. Detailed Sub-surface Assessment	LGUs assessed				-	GAA	
		a) City/Municipality (no.)						
		b) Geohazard Report prepared (no.)						
	4. Intensive IEC Campaign (IEC (IEC Campaign on Geohazard	a) Consultation/Seminars/Worksho ps for Barangay Captains and Officials conducted (no.)				-	GAA	
		b) Lectures presented (no.)						
		c) Advisories issued (no.)						

Tier 2

Agency: Mines and Geosciences Bureau (MGB) XI

UACS	PROGRAMS/ PROJECTS/ACTIVITIES	BRIEF PROGRAM/ PROJECT DESCRIPTION	SPATIAL COVERAGE		RDP RESULTS MATRIX (RM) INDICATOR ADDRESSED	INVESTMENT TARGETS (IN PHP'000)	SOURCE OF FUNDS	REMARKS
			PROVINCE	CONGRESSIONAL DISTRICT		2020		
		d) Activity/exit reports issued (no.)						
	5. Production of Geohazard/VRA Maps	Geohazard/VRA Maps Prepared (no.)						
	6. Printing of 1:10,000 scale maps	Map sheets printed/produced (no.)						
	7. Geohazard IEC Materials Dissemination	a) Maps disseminated (no.)						
		b) Posters dissemination (no.)						
		c) VCDs disseminated (no.)						
		d) Pamphlets/flyers disseminated (no.)						
		e) Signages provided/installed (no.)						
		f) Tri-Media (no.)						
	8. Capacity Building	Training/seminars for MGB technical personnel (no.)						
	9. Geohazards Operation Center	a) Geohazards Operation Center Maintained (no.)				-	GAA	
		b) Advisories re issued (no.)						
		c) Incident/flash reports prepared (no.)						
		d) PDRA meetings attended (no.)						
	2. Coastal Geohazard and Impact of Climate Change					6,000	GAA	

Tier 2

Agency: Mines and Geosciences Bureau (MGB) XI

UACS	PROGRAMS/ PROJECTS/ACTIVITIES	BRIEF PROGRAM/ PROJECT DESCRIPTION	SPATIAL COVERAGE		RDP RESULTS MATRIX (RM) INDICATOR ADDRESSED	INVESTMENT TARGETS (IN PHP'000)	SOURCE OF FUNDS	REMARKS
			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	a. Field Mapping and Survey (1:10,000 scale)	LGUs assessed			Number of coastal geohazard, geologic mapping and impact of climate change assessment conducted *SDG-14	-	GAA	
	Strm-Wave Coastal Indundation Assessment	a) City/Municipality (no.)				6,000		
		b) Reports with reports/maps prepared (no.)						
	b. Production of Coastal Geohazard Maps	a) Coastal Geohazard/VRA Maps prepared (no.)						
		b) Advisories issued (no.)						
		c) Activity/exit report (no.)						
	c. Capacity Building	Training/seminars for MGB technical personnel (no.)						
	d. Conduct of IEC to LGUs	a) Municipal LGUs (no.)						
		b) Seminars/ workshops/ lectures conducted (no.)						
	e. Operation and Maintenance of RPS Explorer (Central Office only)							

Tier 2

Agency: Mines and Geosciences Bureau (MGB) XI

UACS	PROGRAMS/ PROJECTS/ACTIVITIES	BRIEF PROGRAM/ PROJECT DESCRIPTION	SPATIAL COVERAGE		RDP RESULTS MATRIX (RM) INDICATOR ADDRESSED	INVESTMENT TARGETS (IN PHP'000)	SOURCE OF FUNDS	REMARKS
			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	1. Geologic Mapping					-	GAA	
	a. Geologic Quadrangle Mapping and Surveys	1) Quadrangle Assessed (no.)			Number of coastal geohazard, geologic mapping and impact of climate change assessment conducted *SDG-14	-	GAA	
		2) Geologic Reports with Map prepared (no.)						
	b. Mineral Exploration (Central Office)							
	c. Laboratory Services	1) Samples analyzed (no.)						
		2) Determinations Made (no.)						
	d. Mineral Resources Inventory	Provincial resource maps updated and submitted to MGB- CO						
	3. Groundwater Resource Assessment	LGUs assessed	REGIONWIDE		Number Groundwater Resources and Vulnerability Assessment conducted *SDG-6	2,500	GAA	

Tier 2

Agency: Mines and Geosciences Bureau (MGB) XI

UACS	PROGRAMS/ PROJECTS/ACTIVITIES	BRIEF PROGRAM/ PROJECT DESCRIPTION	SPATIAL COVERAGE		RDP RESULTS MATRIX (RM) INDICATOR ADDRESSED	INVESTMENT TARGETS (IN PHP'000)	SOURCE OF FUNDS	REMARKS
			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	a. Drainage Sediment Geochemical Atlas of Region XI	a) Province (no.)				2,500	GAA	
		b) Hydrogeologic reports with 1:250,000 groundwater availability map (no.)					GAA	
	2. Miscellaneous Geological Services					-		
	a. Technical Assistance Provided	1) Investigation reports prepared (no.)						
	(GSS/GIR/GVR/EGGAR/SLF/Relo cation)	2) Clients served (no.)						
	TOTAL					125,500	GAA	