

WORK PLAN FOR CY 2019
Mines and Geosciences Bureau - Regional Office No. XIII

P A P Code / Component Activity Statement	PERFORMANCE INDICATOR (UWM)	MGB 13 MONTHLY PHYSICAL TARGET																	
		Jan	Feb	Mar	Q1	Apr	May	June	Q2	July	Aug	Sept	Q3	Oct	Nov	Dec	Q4	TOTAL	
		GRAND TOTAL																	
A.01	GENERAL ADMINISTRATION AND SUPPORT																		
A.01.a	General Management and Supervision																		
1	Administrative	Monitoring Report prepared (no.)	1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3	12
2	Financial Management Services	Report prepared (no.)	1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3	12
3	Planning and Policy Formulation	Plans prepared (no.)	1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3	12
A.01.b	Human Resource Development																		
1	Human Resource Development Service																		
	a. Program Monitoring and Evaluation	Program Implementation Report (no.)																	
	b. Training and Career Development Program	Training and Development Programs conducted/implemented/supported (no.)																	
	c. Local Scholarship Program	MGB Undergraduate Scholars managed (no.)																	
A.01.c	Administration of Personnel Benefits																		

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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.)																	
		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.)																	
		Linkages with International Organizations - ASEAN, APEC, CCOP, etc.																	
4	Conduct investigation, provide legal assistance and resolve mine related cases	Investigation assisted (no.)																	
		Hearings Attended (no.)																	
A.02.b	Mineral Economics, Information and Communication Plan																		
1	Conduct Awareness and Advocacy on Mineral Resources and Geosciences Development (MRGD)	IEC conducted/organized/ participated (no.)																	
		Press releases/conference/media interviews conducted (no.)																	
		Capacity Building conducted/ participated: (no.)																	
		a) for MGB Personnel																	
		b) for LGUs and Other Stakeholders																	

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		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.)																	
A.02.c	Research and Development																	
1	Research Studies on Mineral Resources and Geosciences Development (MRGD) Programs																	
	Research/studies conducted (no.)																	
	Reports prepared (no.)																	
A.03	OPERATIONS																	
	Organizational Outcomes 1: Natural Resources Sustainaby Managed																	
	PROGRAM 1: MINERAL RESOURCES ENFORCEMENT AND REGULATORY PROGRAM																	
	Sub Program - Mineral Regulation Services																	
	PI 1 Permit Issuance																	
	Outcome Indicators																	
	<i>Percentage increase in the revenues of government from mineral resources development</i>																	5%
	Output Indicators																	
	<i>Mining Applications (including other mining rights related applications) approved/denied/endorsed within the prescribed</i>																	2,482

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		1 Mineral Investment Promotion Program																
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)																2	2	2
b) Ore Transport Permit (OTP)/Certification (no.)	14	35	45	94	40	80	110	230	115	115	80	310	65	19	2	86	720	
- Ore Transport Permit (OTP) (no.)	4	25	30	59	30	70	100	200	100	105	70	275	55	9	2	66	600	
- Certifications (no.)	10	10	15	35	10	10	10	30	15	10	10	35	10	10		20	120	
c) Other mining related permits (no.)	0	1	1	2	0	1	1	2	0	1	1	2	2	0	0	2	8	
- DMPF for RO-issued MPP																		
- Accreditations		1		1		1		1		1		1	1			1	4	
- CEMCRR/CoE			1	1			1	1			1	1	1			1	4	
d) MOEP issued/validated (no.)	2	20	24	46	24	60	90	174	90	90	55	235	40	5		45	500	
2. Use It or Lose It Policy																		
a) Mining applications with final action (no.)		1	1	2	1	1	1	3	1	1	1	3	1	1		2	10	
b) Mining Permits/Contracts reviewed/endorsed for Cancellation (no.)	3	3	4	10	7	7	7	21	5	5	5	15	5	5		10	56	
3. Approval of SHES Programs																		
1) EPEP/FMRDP/PEIR endorsed to MRFC (no.)				0	1			1	1			1	1			1	3	
2) Annual EPEP approved (no.)	11	11		22				0				0				0	22	
3) SDMP/CDP approved (no.)	3			3				0				0				0	3	
4) Annual SDMP approved (no.)	11	11		22				0				0				0	22	
5) Annual Safety and Health Programs approved /CMP (no.)	23	22		45				0				0				0	45	
6) Care & Maintenance Program	5	6		11				0				0				0	11	
7) Environmental Work Program endorsed to MMD (no.)				0				0				0				0	-	
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.)			1	1	1	1	1	3	1			1				0	5	
2) Minahang Bayan Sites Identified (no.)				0			1	1				0				0	1	
3) Minahang Bayan Sites endorsed to DENR through MGBCO (no.)				0				0				0	1			1	1	
4) Approved Minahang Bayan Sites Monitored (no.)				0		1	1	2	1			1				0	3	
5) P/CMRB operationalized (no)	6			6				0				0				0	6	
6) P/CMRB reconstituted (no)				0				0				0				0	-	
7) Meetings conducted/ participated (no.)	2	2	2	6	2	2	2	6	2	2	3	7	4	1		5	24	
8) P/CMRB regional consultations conducted (no.)				0				0				0				0	-	
PI 2 Monitoring																		
Outcome Indicators																		
Percentage of monitored mining permits/contracts complying with laws, rules and regulations																	60%	
Output Indicators																		
Number of mining permits/contracts monitored																	788	
2 Mining Industry Development Program																		

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		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 (no.)															
Full Enforcement of Environmental Standards in Mining Operations pursuant to EO No. 79	a) Work Program	1	4	6	11	2	1	2	5	3	3	3	9	4	3		7	32
	b) Safety, Health, Environment and Social Programs (No. of Permits)	1	4	6	11	2	1	2	5	3	3	3	9	4	3		7	32
	b.1) Safety, Health, Environment and Social Programs (No. of Monitoring)	1	4	6	11	2	1	2	5	3	3	3	9	4	3		7	32
	Safety & Health Inspection (no.)	1	4	6	11	2	1	2	5	3	3	3	9	4	3		7	32
	Mine Wastes & Tailings Verification (no.)		2	4	6	5	2	1	8	3	1	1	5	2	1		3	22
	ME/EE Inspection (no.)	2	4	6	12	5	5		10				0				0	22
Full Enforcement of Environmental Standards in Mining Operations pursuant to EO No. 79	Permit areas/projects audited (no.)																	
	a) Work Program																	
	CENTRAL OFFICE																	
	b) Safety, Health, Environment and Social Programs																	
	CENTRAL OFFICE																	
b. Strengthen Multi-Partite Monitoring System	Multi-Partite Monitoring Team (MMT) operationalized (no.)	32			32				0				0				0	32

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		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 construction, Slope stabilization, etc.)</i>																	
		Revegetation/Reforestation of Bagacay Mine Area conducted (ha.)																	
	b. Other Abandoned/Inactive/Closed	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.)																	
	PI 3 Enforcement																		
4	Resolution of Complaints/Cases/Conflicts	Complaints/Cases/conflicts investigated/resolved (no.)																	
		a) MGB	1	1	1	3	1	3	3	7	3	1	1	5	1	1	1	3	18
		b) Panel of Arbitrators (PAs)			1	1		1		1	1		1	2				0	4
		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				1	1	1	1	2		1	1	2		1		1	6
		Complaints/Charges filed with the Provincial Prosecutors Office (no.)					0	1	1	2	1		1	1				0	3

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		PROGRAM 2: MINERAL RESOURCES AND GEOSCIENCES DEVELOPMENT PROGRAM																
Sub-Program - Mineral Resources Development																		
Outcome Indicators																		
																	12	
Output Indicators																		
																	10%	
1	Communication Plan for Minerals Development																	
	a. Conduct Awareness and Advocacy on Mineral Resources and Geosciences (MRGS)																	
	LGUs and other stakeholders forum conducted (no.)																	
	a. Dialogues with Sangguniang Bayan/Barangay		1	1	2	1	1	1	3	1	1	1	3	2			2	10
	b. Dialogues with other groups (Religious, CSO, Academe, etc.)	1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3	12
	Radio/TV Guestings attended (no.)	1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3	12
	Press Releases/Photo Releases/ Feature Stories (no.)	1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3	12
	b. Generate information/ Publish and disseminate IEC materials																	
	1. Website maintained (no.)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1.1. Articles Posted (no.)	2	2	2	6	2	2	2	6	2	2	2	6	2	2	2	6	24
	2. IEC materials produced (no.)		1		1	1		1	2			1	1				0	4
	3. IEC materials reproduced/distributed (no.)			50	50		50		50	50		50	50			50	200	
	4. Statistics reports submitted to MGBCO (no.)	8			8	8			8	8			8	9			9	33
	5. Maps/Map Info Database submitted to MGBCO (no.)	2	2	2	6	2	2	2	6	2	2	2	6	2	2	2	6	24

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	6. MRGS reports submitted to MGBCO (no.)	5	2	2	9	4	2	2	8	5	2	2	9	2	4	3	9	35
	c. National Linkages			3	3			3	3			3	3			3	3	12
	d. Capacity Building Program on MRGS																	
	1. MGB personnel			1	1		1		1	1	1		2	1	1		2	6
	2. LGUs and Other Stakeholders			1	1	1			1	1			1				0	3
	3. Small Scale Miners			1	1		1		1				0				0	2
2	National Mineral Reservation Program																	
	<i>Establishment of Mineral Reservations per EO No. 79</i>																	
	a. Establishment of New Mineral Reservations				0				0				0			1	1	1
	Existing Mineral Reservation Monitored (no.)				0				0				0			1	1	1
	b. Research and Development / Special Projects																	
	Research/Studies conducted/developed (no.)																	
	CENTRAL OFFICE																	
	c. Mineral Reservation Program Administration																	
	MGB Facilities/Equipment upgraded/maintained/enhanced (no.)																	
	CENTRAL OFFICE																	
3	Offshore Exploration																	
	Area Surveyed (no.)																	
	CENTRAL OFFICE																	

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		Organizational Outcomes 3: Adaptive Capacities of Human Communities and Natural Systems Improved																
Program 1: GEOLOGICAL RISK REDUCTION AND RESILIENCY PROGRAM																		
Sub-Program - Geological Assessment for Risk Reduction and Resiliency																		
1 Land Geohazard Assessment																		
a. Field Mapping and Survey (1:10,000 scale)																		
1. Vulnerability and Risk Assessment	LGUs assessed																	
	City/Municipality (no.)		1	1	2	2	1	1	4		1	2	3	2			2	11
2. Updating of 1:10,000 scale Geohazards Maps (as a result of changes due to natural calamities)	LGUs assessed																	
	City/Municipality (no.)		1	1	2	2	1	1	4		1	2	3	2			2	11
3. Detailed Sub-surface Assessment	LGUs assessed																	
	City/Municipality (no.)				0			1	1				0				0	1
Geohazard Report/Map Prepared	Geohazard Report Prepared (no.)				0			8	8			2	2	1	2	10	13	23
	Geohazard Map Prepared (no.)				0	10	10	20	40	10	11		21	10	20	20	50	111
4. Intensive IEC Campaign (IEC Campaign on Geohazard and VRA Maps)																		
	a) Consultation/Seminars/workshops for LGUs conducted (no.)			3	3			2	2	4	1		5	2			2	12
	b) Lectures presented (no.)		1	1	2	1			1	1		1	2				0	5
	c) Advisories issued (no.)		1	2	3	3	3	2	8	1	3	4	8	4			4	23
	d) Activity/exit reports issued (no.)				0				0				0				0	-
5. Production of Geohazard/ VRA Maps (Municipality)	Geohazard/VRA Maps Prepared (no.)				0				0				0				0	-
6. Printing of 1:10,000 scale maps	Map sheets printed/produced (no.)																	
	CENTRAL OFFICE																	

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		7. Geohazard IEC Materials Dissemination																
	a) Maps disseminated (no.)			81	81		54	54	108	27		135	54				54	324
	b) Posters dissemination (no.)		50	50	100	50		50	100	100	50	250	50				50	500
	c) VCDs disseminated (no.)		10	10	20	10			10	10	10	30					0	60
	d) Pamphlets/flyers disseminated (no.)		80	80	160	40		40	80	80	100	240	20				20	500
	e) Signages provided/installed (no.)				0			1	1			0				1	1	2
	f) Tri-Media (no.)		1		1		1	1		1		1		1			1	4
8. Capacity Building	Training/seminars for MGB technical personnel (no.)				0				0			0					0	-
9. Geohazards Operation Center	a) Geohazards Operation Center Maintained (no.)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	b) Advisories re issued (no.)				0				0			36	36				0	36
	c) Incident/flash reports prepared (no.)				0				0			0					0	-
	d) PDRA meetings attended (no.)				0				0			0					0	-
2	Coastal Geohazard and Impact of Climate Change																	
a. Field Mapping and Survey (1:10,000 scale)	LGUs assessed																	
	a) City/Municipality (no.)																	NT
	b) Reports with maps prepared (no.)																	NT
b. Production of Coastal Geohazard Maps																		
	a) Coastal Geohazard/VRA Maps prepared (no.)																	NT
	b) Advisories issued (no.)																	NT
	c) Activity/exit report (no.)																	NT

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3	c. Capacity Building	Training/seminars for MGB technical personnel (no.)																NT	
	d. Conduct of IEC to LGUs																		
	e. Operation and Maintenance of RPS Explorer (Central Office only)	a) Municipal LGUs (no.)																	
		b) Seminars/workshops/ lectures conducted (no.)																	
		CENTRAL OFFICE																	
3	a. Quadrangle Geological Mapping and Surveys (Land & Coastal Zones)	Quadrangle Maps (no.)			1	1		1	1	1		1	2				0	4	
	b. Mineral Exploration (Central Office)	Geologic Reports with Map prepared (no.)				0			0				0		2	2	4	4	
		CENTRAL OFFICE																	
		c. Laboratory Services																	
	d. Mineral Resources Inventory	Samples analyzed (no.)	40	40	40	120	40	50	70	160	70	70	70	210	70	70	70	210	700
Determinations made (no.)		900	900	900	2700	900	900	1500	3300	1500	1500	1500	4500	1500	1500	1500	4500	15,000	
4	Groundwater Resource Assessment	Provincial resource maps updated and submitted to MGB-CO				0			0				0	1			1	1	
5	Miscellaneous Geological Services	LGUs assessed Province (no.)		1		1	1		1	2		1	1				1	5	
		Hydrogeologic reports with 1:250,000 groundwater availability map (no.)						2							1	2		5	
a. Technical Assistance Provided (GIR/GVR/EGGAR/SLF)	a) Investigation reports prepared (no.)		1	1	2	1	2	2	5	2	2	2	6	1	1		2	15	
	b) Clients served (no.)	3	3	3	9	3	3	3	9	3	3	3	9	3	3	3	9	36	