

MGB RXIII CY 2018 ANNUAL REPORT

ANNUAL PHYSICAL
ACCOMPLISHMENT



Mines &
Geosciences Bureau
Caraga Regional
Office No. 13
Surigao City
Tel. No. 8265256





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FOREWORD



EXECUTIVE SUMMARY

"I challenge you, it can be done. Show everyone that it is 'pwede pala.' I need you to bring up the mining industry".

These are the powerful words uttered by the Secretary of the Department of Environment and Natural Resources (DENR), Honorable Roy A. Cimatu during the 5th Meeting on the Mining Policy Direction with the mining industry on October 30, 2018.

The Honorable Secretary is once again expressing his concerns by reaching out to the minerals industry to seriously tackle some environmental issues caused by mining operations and together formulates an effective policy reforms.

Being one of his top most priority programs, apprehension of all illegal mineral processing plants and small scale mining operations have been conducted rigorously. Those activities highlight the importance in carrying out the Office regulatory functions in the local minerals industry.

New policies have been issued focusing on the agency's regulatory functions. Monitoring activities have been standardized with the issuance of Memorandum Circular No. 2018-02, or the Guidelines for Compliance Monitoring and Rating/Scorecard of Mining Permits/Contracts which was signed on July 3, 2018. The said MC also establishes a performance rating system for contractors/permittees and permit holders.

With the approval of the said memorandum, it will ensure strict compliance to the terms and conditions of the permits/contracts and pertinent laws, rules and regulations. The said Circular is pursuant to Sec. 9 of Republic Act (RA) No. 7942, or the *Philippine Mining Act of 1995*; Sec. 7 of the Department of Environment and Natural Resources Administrative Order No. 2010-21, or the *Revised Implementing Rules and Regulation of RA No. 7942*; and RA No. 10964, or the *General Appropriations Act of 2018*, particularly the provisions for Performance Informed Reporting.

Finance & Administrative Division

The Finance and Administrative Division (FAD) provides for the overall management, supervision, and administrative support to the entire regional operations. It has the following sections: a.) Finance Section, which provides budgeting and accounting services, and b.) Administrative Section, which provides services on human resources, property, and records management, including cashiering, and other general services.

MGB R-XIII is composed of One Hundred Twelve (112) technical and support personnel. Fifty Four (54) of which are regular while, Fifty Eight (58) are contractual/job orders. Out Fifty Eight contractual/job orders, Six (6) are personnel assigned to MGB R-XIII Dinagat Satellite Office.

For CY 2018, the Office has a total budget of Seventy Million Eight Hundred Ninety Three Thousand One Hundred Fifty Four Pesos (70,893,154.00). Thirty Seven Million One

Hundred Seventy One Thousand Nine Hundred Seventy One Pesos (37,171,971.00) was intended for the Professional Service (PS) while Thirty Three Million Seven Hundred Twenty One Thousand One Hundred Eighty Three was for the Maintenance and Other Operating Expenses (MOOE).

Total obligation for the year was Sixty Nine Million Seven Hundred Ninety Thousand Nine Hundred Ninety Six Pesos (69,790,996.00) which translate to 98% for BUR 1. Total disbursed amount was Sixty Eight Million Two Hundred Seventy Three Thousand One Hundred Two Pesos (68,273,102.00) which registered 98% also for the BUR 2.

Total Royalty Tax collection for the year registered a 6% increase. The Office has a total collection of One Billion One Hundred Seventy Six Million Three Hundred Seventy Eight Thousand and Twenty Seven Pesos (Php 1,176,378.27).

One of the momentous achievements of CY 2018 is the fulfillment of the ISO certification. The Office Quality Management System has been certified dated February 09, 2018, which is applicable to Provision of Mine Management Administration, Mine Safety, Environment and Social Development Services and Geosciences Services. It has been assessed and registered by the NQA against the provision of BS EN ISO 9001:2015. The certification is under Certificate No. 66852, EAC Code 36 and will be valid until February 9, 2021.

Mineral Investment Promotion Program

There are 2 programs under Mineral Investment Promotion Program registered below 100% accomplishments. However, the rest of the program, projects and activities logged a 100% compliance of its targets.

Under the Approval of Safety, Health, Environment & Social Development (SHES) targets, the Environmental Protection Enhancement Program (EPEP) which refers to the number of submitted EPEP (with FMRDP) and/or FMRDP, that were endorsed to MRFC, denied/returned, approved, endorsed to MGB Central Office is one of the targets that registered less than 100% compliance. This is due to the fact that, only 5 EPEP (with FMRDP) and/or FMRDP were endorsed for approval.

The other activity that recorded a less than 100% accomplishment is the Annual Safety, Health Program (SHP). This program refers to the number of submitted Annual SHP that was approved by the Office for the year. The below target compliance was due to no submission of some mining companies of the said program.

Other programs under the Mineral Investment Promotion Program recorded a 100% or even more than 100% accomplishment. This is a manifestation that, the Office is in the right path in pursuing its mandate as a government agency.

Mineral Industry Development Program

Mineral Industry Development Program is bannered by the monitoring activities to the compliance of mining companies. MC No. 2018-02 standardized the monitoring system and establishes performance rating system to all permit holders.

The said policy contains the Standard Monitoring Checklist for Tenements; Safety and Health; Environmental Management and Social Development; and a Compliance Scorecard that will be utilized by the MGB Regional Offices to determine and measure the compliance of each contractor/permittee/permit holder.

It is expected that the full implementation/application of the said circular ensure strict compliance to the terms and conditions of the permits/contracts and pertinent laws, rules and regulations.

CY 2018 recorded a positive result as far as target vis-à-vis accomplishments are concerned. All programs, projects and activities listed 100% accomplishments.

For the Development of Small Scale Mining – Assistance to Provincial/City Mining Regulatory Board (P/CMRB)/LGUs/Other Stakeholders, the Office was able to identify 1 potential Minahang Bayan area and endorsed to DENR through the MGB Central Office for the approval of 1 Minahang Bayan site. These accomplishments show a 100% compliance of our annual target.

Monitoring of approved mining rights logged 104% accomplishment due to the request of Naredico, Inc. and Minahang Bayan ng Albor Cooperative, Inc. for Certificate of Compliance with the terms and conditions under the MPSA in re: application for renewal of MPSA. While the Office recorded 103% compliance under the Safety, Health, Environment and Social Programs monitoring because of the demand of the company's for a certificate of compliance that needs to be monitored in the field.

It was also noted that, the operationalized Multi-Partite Monitoring Team (MMT) was increased to 32 from 28. The increase of operationalized MMTs represents a 114% accomplishment. The additional number of operationalized MMT is due to the establishment and/or reconstitution of the Mine Rehabilitation Fund Committee, deputizing the MMT to conduct the monitoring to ensure the satisfactory compliance with the commitments/AEPEP.

Under Resolution of Complaints/Cases/Conflicts, it registered 125% accomplishments in all investigations conducted by the Office. It is a demand driven activity

and all accomplishments were based on the need to conduct investigation per instruction coming from the Office of the President, DENR and MGB-CO.

Anti-illegal mining campaign logged 300% accomplishments. The huge increase of compliance in this activity was due to DENR S.O. No. 2018-53, which also covers the devolved permits issued by the LGU,s, which this office in acted considering the complaints of illegal mining/quarrying activities were endorsed to this office for investigation even if it is a miners devolved function.

Communication Plan For Mineral Resources and Geoscience Development

The Communication Plan was formulated to intensify Information, Education and Communication campaign in Caraga Region. This is designed in such a way that it will make the presence of mining felt in the communities and the entire region as an active partner in sustainable development and responsible mining. The Caraga minerals industry aims to cultivate harmonious relationships with different sectors such as other government agencies, local government units, academe, non-government organizations and the media in order to intensify the advocacies of the industry.

One of the major components under this program is the stakeholder's forum. For CY 2018, Sangguniang Bayan was the target for the conduct of dialogue with the Local Government Units. The record shows 100% compliance on this activity. However, 158% compliance was being registered under the Dialogue with the Other Groups. This is a demand driven activity thus, its accomplishments will be based on the need to conduct orientation or dialogue with the other groups/stakeholders.

All other activities under the Communication Plan for Mineral Resources and Geoscience Development also recorded positive annual accomplishments.

Geological Assessment for Risk Reduction and Resiliency Program (Geoscience Development Services)

The Geosciences Development Services shall conduct geological, geoenvironmental and mineral exploration surveys; complement with other division in the evaluation of mining rights applications; and provide geological and geo-scientific information and geo-technical services to other Government agencies, mining contractors/permittees and the general public.

For CY 2018, the Geosciences Division delivered a 100% accomplishment of its annual targets. Various major programs, activities and projects from the said division were delivered according to its commitment and mandate. Various programs, activities and

projects under its scope were delivered as mandated in which most of its activities require fieldworks and on-site assessment.

Geosciences Division highlighted the year with the conduct of the following activities, to wit;

1. Geohazard Survey and Assessment;
2. Geological Mapping;
3. Groundwater Resources Assessment; and
4. Miscellaneous Geological Services

As the year ended, under the Geohazard Survey and Assessment, the division was able to accomplished 100% of its annual targets despite of some challenges that the technical personnel encountered in the field.

One of the major components of this program was Vulnerability and Risk Assessment (VRA). Assessments were conducted to allow the identification of areas with critical concern and help to guide the concern authorities in designing mitigation efforts. For CY 2018 Eleven (11) municipalities were being assessed all over the region. During the conduct of VRA, the division as well conducted an Updating of 1:10,000 Scale geohazard maps as a result of changes due to natural calamities.

Detailed Sub-surface Assessment was conducted in the Municipality of Hinatuan, Province of Surigao del Sur. This is to assess the occurrence of sinkholes in the island.

To fully inform the community on the impact of the changes in the environment due to natural calamities, hundreds of IEC materials have been disseminated to various Local Government Units, private individuals and other stakeholders. Other than that, signages/billboards have been installed also in selected locations in the region most particularly in highly vulnerable areas.

One of the components under the Geohazard IEC Materials Dissemination is the Tri-Media campaign of the Geosciences Division. Tri-Media campaign was designed to have broader reach or boundless stretch of information dissemination regarding geohazard or areas that is susceptible to natural calamities.

The Mines and Geosciences Bureau is one of the government agencies that are authorized to conduct environmental assessment due to manmade or natural disasters. Hence, all the division's technical staff has been sent to various trainings, workshops and seminars for them to be equipped and updated on new laws, rules and regulations, developments and programs of the government.

With all the programs designed by the national government that is implemented through the MGB Regional Offices, it is the Local Government Units who will truly benefit from it. The results of the geohazard survey and assessment will be forwarded to every LGUs as their basis for planning and other future developments in their locality.

Caraga Region is one of the areas in the country where it is prone to all types of weather disturbances. Hence, MGB RXIII maintains the operation of its Geohazards Operations Center fortified with various types of emergency equipments.

Geological mapping was also one of the major activities of MGB RXIII in CY 2018. The Office was assigned to conduct quadrangle geological mapping in Sapao, Numancia, Esperanza quadrangles, all located in the island of Siargao, Province of Surigao del Norte. Quadrangle mapping and assessment were also conducted in the Province of Dinagat Islands most particularly in Wilson and Dinagat quadrangles. This is to identify the geological features of the area. The result of this could be helpful for the identification and distribution of different types of rock and surficial deposits, as well as locations of geologic structures such as faults and folds. After the conduct of such survey, a geologic map will be generated which will be the primary source of information for various aspects of land-use planning, including the siting of buildings and even transportation systems.

One provincial mineral resource map was also updated. This resource map is an open-source tool that helps us make better decisions by giving us better insights into the location and distribution of our mineral resources.

2018 also unfolded with the conduct of the Groundwater Resources Mapping. This activity is essential because it will help us identify the potential source of potable water. The map generated displays information which could also be the basis for land-use planning.

The major challenge that continues to plague at the Chemical Laboratory Section was the uninstalled/inefficient fume hood scrubber. The said equipment is the major factor that affects the desired output for analysis and determinations of samples.

Dinagat Satellite Office

The year 2018 was also one of the most memorable years for MGB R-XIII. Pursuant to DENR Administrative Order No. 2018-01, MGB R-XIII Satellite Office in the Province of Dinagat Islands was being created and established. The creation and establishment of such Office is an answered prayer not only for the technical men and women of MGB R-XIII family but also to the Local Government Units of the said province.

Section 1 of the aforementioned DAO states that, the Regional Director of MGB Regional Office No. XIII shall be responsible in the direct supervision and management of the MGB Satellite Office. He/she is hereby directed as well to submit to the Central Office of the MGB the pertinent detailed plan in the creation and establishment of the Satellite Office that include the accounting system, the transfer/turnover of records, personnel organization, property and supply procurement and other responsibilities arising from the creation and establishment of the Satellite Office.

The whole Province of Dinagat Islands is within the Surigao Mineral Reservation Area. It is a home of several large scale mining operations. Regular monitoring shall be conducted to ensure that all mining operations adhere to the government standard. However, the Province is located along the typhoon belt of the country, traversing the island with challenging weather condition is a frequent interruption in the implementation of Office targets, especially in the conduct of monitoring activities where accessibility and safety of our field men are two of the major concerns. Consequently, the creation and establishment of the said satellite office is a dream come true.

CY 2018 has been a challenging voyage for the Mines and Geosciences Bureau (MGB), Caraga Regional Office No. XIII. Navigating in the past 12 months showcases the strength of the Office in dealing with various issues and concerns surrounding the local minerals industry. Nevertheless, the Office continuously pursues its mandate through the operation of different programs/projects and an activity anchored on the agency's thrust toward sustainable development and responsible mining.



FINANCE & ADMINISTRATIVE DIVISION



FINANCE SERVICES

The agency's finance service has taken full responsibility in recording and ensuring completeness of various financial transactions both in collection and disbursement of funds. The section processed vouchers for payment of payrolls, other benefits, travel expenses, purchases, mandatory expenses and other necessary expenses in accordance with existing rules and regulations. The section has accommodated Order of Payments for collection during the whole year. These collections were remitted to the Bureau of Treasury account. Collections as of December 2018 were derived from the following fees and charges:

PARTICULAR	1 ST SEMESTER	2 ND SEMESTER	TOTAL
Royalty Tax	422,240,991.73	737,677,395.54	1,159,918,387.27
Other Fees & Charges	15,185,093.60	8,920,621.67	24,105,715.27
Total	437,426,085.33	746,598,017.21	1,184,024,102.54

MANPOWER

The DENR-Mines and Geosciences Bureau XIII has a total of 54 itemized positions per new Personnel Services Itemization and Plantilla of Personnel (PSIPOP).

CAREER & PERSONNEL DEVELOPMENT

Laying emphasis on career advancement, the Management facilitated the attendance and participation of employees in seminars/ trainings/ workshops/ conferences for professional advancement. There are 135 employees attended the following seminars, etc.

NAME OF PERSONNEL	SEMINAR/ TRAINING/ WORKSHOP	DURATION	PLACE
JANUARY			
1. Francis Glenn N. Suante	Technical conference with the mining contractors relative to the 2017 Safety relative to the 2017 Safety and Health, Environment and Social Development (SHESD_ and Technical Compliance Monitoring (TCM)	January 17-20, 2018	Quezon City
2. Carlos E. Cogolio, Jr.	-do-	-do-	-do-
3. Kate A. Boquilon	Seminar-Workshop on Strategic Planning for Marine Geological Survey and Research	January 21-26, 2018	Tagaytay City



CAREER & PERSONNEL DEVELOPMENT

NAME OF PERSONNEL	SEMINAR/ TRAINING/ WORKSHOP	DURATION	PLACE
4. Claysterkim J. Paloma	-do-	-do-	-do-
5. Liza T. Pacete	2018 Geoscience Workshop	January 28, 2018- February 5, 2018	Albay
6. Beda Louie O. Cagampang	-do-	-do-	-do-
7. Ralph Angel B. Plaza	-do-	-do-	-do-
8. Romeo M. Dalodado	-do-	January 31, 2018- February 5, 2018	-do-
9. Melvin A. Mantilla	-do-	-do-	-do-
10. Elaine L. Galido	-do-	-do-	-do-
FEBRUARY			
11. Christopher C. Catillon	National Information Convention (NIC)	February 18-22, 2018	Davao City
12. Francis Glenn N. Suante	Technical Conference for Century Peak Corporation	February 2-4, 2018	Makati City
13. Brenice Ann M. Gendev-Castillo	-do-	-do-	-do-
14. Jose Salve E. Cabiling	Seminar on the 2017 Omnibus Rules on Appointment and Other Human Resource Actions and the 2017 Rules on Administrative Cases in the Civil Service	February 12-17, 2018	Palawan
15. Rhodora B. Tan	-do-	-do-	-do-
16. Aurora S. Selisana	-do-	-do-	-do-
17. Christopher C. Castillon	Mindanao Cluster Orientation and Workshop for the Institutionalization of Hotline 888	February 14-17, 2018	Davao City
18. Jusrit Elvie B. Seguis	79 th PICHe National Convention	February 21-25, 2018	Manila
MARCH			
19. Liza T. Pacete	Training on Geovia Surpac	March 6-15, 2018	Pasay City



CAREER & PERSONNEL DEVELOPMENT

NAME OF PERSONNEL	SEMINAR/ TRAINING/ WORKSHOP	DURATION	PLACE
APRIL			
20. Mary Luz E. Pomoy	Technical Capacity Building Seminar on the Standardized Checklist for the Monitoring of Tenements, Safety and Health, Environmental and Social Development Program	April 2-7, 2018	Davao City
21. Verlin Marie M. Baldapan	-do-	-do-	-do-
22. Brenice Ann M. Gendeve-Castillo	-do-	-do-	-do-
23. Ernesto C. Calzar	-do-	-do-	-do-
24. Lilibeth P. Gimoto	-do-	-do-	-do-
25. Jacob E. Rogador, Jr. IV	-do-	-do-	-do-
26. Francis Glenn N. Suante	-do-	-do-	-do-
27. Elecito E. Escuyos	-do-	-do-	-do-
28. Pio Zaldy M. Merano	-do-	-do-	-do-
29. Ana Diosell S. Bajao	-do-	-do-	-do-
30. Enjie P. Cañete	-do-	-do-	-do-
31. Glynis Irene S. Buot	-do-	-do-	-do-
32. John A. Caballero	-do-	-do-	-do-
33. Donalyn A. Nicolasura	-do-	-do-	-do-
34. Mildred Eileen L. Ronsable	-do-	-do-	-do-
35. Brenice Ann M. Gendeve-Castillo	-do-	-do-	-do-
36. Roger A. De Dios	CIT Mining Engineering Alumni Technical Forum	April 26-30, 2018	Cebu City
37. Francis Glenn N. Suante	CIT Mining Engineering Alumni Technical Forum	April 27-28, 2018-	Cebu City
38. Jessiebeth L. Real	Seminar-Workshop on Integrity, Transparency and Accountability in Public Service, Effective and Efficient Public Service Information Disclosure and Data Privacy Protocol	April 16-20, 2018	Metro Manila



CAREER & PERSONNEL DEVELOPMENT

NAME OF PERSONNEL	SEMINAR/ TRAINING/ WORKSHOP	DURATION	PLACE
APRIL			
39. Pio L. Sembrano, Jr.	6 th Mines Adjudication Board and Panel of Arbitrators Seminar-Workshop on Mining Conflict/Dispute Resolution	April 10-15, 2018	Metro Manila
40. Verlin Marie M. Baldapan	Mining Engineering Alumni Technical Forum	April 27-30, 2018	Cebu City
41. Noli N. Arreza	-do-	-do-	-do-
42. Cecilia L. Consuegra	33 rd Philippine Chemistry Congress	May 29, 2018 – June 2, 2018	Metro Manila
43. Christie A. Apale	-do-	-do-	-do-
MAY			
44. Jose Salve E. Cabiling	Employer Performance Management Welfare and Development Workshop	May 27, 2018 – June 2, 2018	Quezon City
45. Verlin Marie M. Baldapan	-do-	-do-	-do-
JUNE			
46. Kate A. Boquilon	2018 DENR SYLVATROP Writing Workshop	June 18-23, 2018	Manila
47. Noli N. Arreza	Forum and Workshop on Mainstreaming the Small Scale Mining Sector, particularly by its inclusion on the PH-EITI Reporting Process	June 24-26, 2018	Cagayan de Oro City
48. Lilibeth P. Gimoto	-do-	-do-	-do-
49. Verlin Marie M. Baldapan	IP Mindanao Cluster Convergence Summit at University of Science and Technology of Southern Mindanao	June 25-27, 2018	Cagayan de Oro City
50. Roger A. De Dios	Monthly Mindanao Cluster Conference	June 27-29, 2018	General Santos City
JULY			
51. Jose Salve E. Cabiling	2018 DENR HR Summit	July 23-27, 2018	Iloilo City
52. Rhodora B. Tan	-do-	-do-	-do-
53. Roger A. De Dios	DENR National Management Conference	July 23-25, 2018	Cagayan de Oro City



CAREER & PERSONNEL DEVELOPMENT

NAME OF PERSONNEL	SEMINAR/ TRAINING/ WORKSHOP	DURATION	PLACE
JULY			
54. Brenice Ann M. Gendeve Castillo	Workshop for the issued Memorandum Circular on Tenement Safety and Health Environment and Social Development Monitoring Checklist and Scorecard	July 30, 2018 to August 4, 2018	Quezon City
55. Roger A. De Dios	Orientation Workshop on the New Policies of the Mines and Geosciences Bureau and the 2018 Mid-Year Management Conference	July 31, 2018 to August 5, 2018	Quezon City
56. Francis Glenn N. Suante	-do-	-do-	-do-
57. Jeffrey P. Galido	-do-	-do-	-do-
58. Verlin Marie M. Baldapan	-do-	-do-	-do-
59. Brenice Ann M. Gendeve-Castillo	-do-	-do-	-do-
60. Jacob E. Rogador, IV	-do-	-do-	-do-
61. Elecito E. Escuyos	-do-	-do-	-do-
62. Pio Zaldy M. Merano	-do-	-do-	-do-
63. Christie A. Apale	-do-	-do-	-do-
64. Carlos E. Cogolio, Jr.	-do-	-do-	-do-
65. Junrey D. Paronda	Seminar-Workshop on Standard Implementation of Apprehension for Illegal Mining Operations asnd the Standard Checklist and Scorecardsfor Mining Monitoring	July 31, 2018 to August 4, 2018	Quezon City
AUGUST			
66. Janeth S. Aparri	Seminar-Workshop on Standardization of Methodologies in the conduct of nationwide study of coastline shifts and assorted hazards as affected by sea level change and geological factors	August 27, 2018 to September 2, 2018	Pasay City



CAREER & PERSONNEL DEVELOPMENT

NAME OF PERSONNEL	SEMINAR/ TRAINING/ WORKSHOP	DURATION	PLACE
AUGUST			
67. Noel G. Lumague	-do-	-do-	-do-
68. Kate A. Boquilon	-do-	-do-	-do-
69. Roger A. De Dios	Technical Conference re: Request of the Provincial Government of Dinagat Island for the release of an Area of One thousand hectares from Surigao Mineral Reservation	August 30-31, 2018	Quezon City
70. Romeo M. Dalodado	-do-	-do-	-do-
SEPTEMBER			
71. Carl Orven C. Eludo	Workshop for Planning Officers of the Mines and Geosciences Bureau	September 12-14, 2018	Quezon City
72. Cecilia L. Consuegra	Training Course on the Method Development and Validation of Analytical Procedures for the Analysis of Geological and Environmental Samples	September 17-22, 2018	Manila
73. Jusrit Elvie B. Seguis	-do-	-do-	-do-
74. Jose Salve E. Cabiling	Seminar-Workshop on Managing ICT Services in the Government ITIL Framework	September 25-29, 2018	Quezon City
75. Esperidion Y. Amper, Jr.	-do-	-do-	-do-
76. Junrey D. Paronda	Training on the use of Real-Time Kinematics (RTK) and range finder surveying instruments for volumetric measurements	September 26-29, 2018	San Fernando, Pampanga
77. Ernesto C. Calzar	-do-	-do-	-do-
78. Marie Penelope E. Fang	Training and Capability Building for MGB Personnel Responsible for Statistical Data and Analysis, Website Maintenance and Information Dissemination	September 30, 2018 to October 6, 2018	Quezon City
79. Ivey Drea M. Canoy-Zerda	-do-	-do-	-do-



CAREER & PERSONNEL DEVELOPMENT

NAME OF PERSONNEL	SEMINAR/ TRAINING/ WORKSHOP	DURATION	PLACE
OCTOBER			
80. Christopher N. Castillon	Training in the Deployment and Configuration of Active Directory Domain Services in the MGB Network Environment	October 14-21, 2018	Makati City
81. Romeo M. Dalodado	MGB Reprogramming Workshop	October 23-27, 2018	Manila
82. Carl Orven C. Eludo	-do-	-do-	-do-
83. Verlin Marie M. Baldapan	-do-	-do-	-do-
84. Francis Glenn N. Suante	-do-	-do-	-do-
85. Rhodora B. Tan	-do-	-do-	-do-
86. Jose Salve E. Cabiling	-do-	-do-	-do-
87. Glenn Marcelo C. Noble	-do-	-do-	-do-
88. Glenn Marcelo C. Noble	Management Conference	October 4-12, 2018	Manila
89. Pio Zaldy M. Merano	66 th National Convention of the Philippine Society of Mechanical Engineers	October 16-21, 2018	SMX Convention Center, Pasay City
NOVEMBER			
90. Jeffrey P. Galido	Capacity Building Seminar for DENR Lawyers	November 6-10, 2018	Iloilo City
91. Beda Louie O. Cagampang	Drone Training/Workshop	November 4-8, 2018	Manila
92. Kate A. Boquilon	3 rd BGR-CCOP International Training Course on Risk Sensitive Spatial Planning for CCOP Member Countries in Hanoi, Vietnam	November 10-23, 2018	Hanoi, Vietnam
93. Glenn Marcelo C. Noble	2018 MGB Annual Technical Forum	November 6-9, 2018	Koronadal City
94. Brenice Ann M. Gendever-Castillo	-do-	-do-	-do-
95. Judy Ann C. Mejorada	-do-	-do-	-do-
96. Gaius Jabez A. Galope	-do-	-do-	-do-
97. Jio Marnn M. Lendio	-do-	-do-	-do-



CAREER & PERSONNEL DEVELOPMENT

NAME OF PERSONNEL	SEMINAR/ TRAINING/ WORKSHOP	DURATION	PLACE
OCTOBER			
98. Reyana Dawn U. Garcia	-do-	-do-	-do-
99. Esperidion Y. Amper, Jr.	Workshop in the Finalization of the MGB Info-System Strategic Plan FY 2019-2021	November 11-17, 2018	Makati City
100. Christopher N. Castillon	-do-	-do-	-do-
101. Cecilia L. Consuegra	Strategic Planning for the 2020 MGB GAD Work Plan and Assessment of 2018 Accomplishment of MGB GAD Plan and Budget	-do-	Manila
102. Ritche B. Banacia	43 rd Annual National Convention and 3XEPO20	November 13-18, 2018	Pasay City
103. Margie Ann P. Ensomo	73 rd PICPA Convention	November 21-25, 2018	Bacolod City
104. Glenn Marcelo C. Noble	65 th Annual Mine Safety and Environment Conference	November 19-24, 2018	Baguio City
105. Francis Glenn N. Suante	-do-	-do-	-do-
106. Elecito E. Escuyos	-do-	-do-	-do-
107. Pio Zaldy M. Merano	-do-	-do-	-do-
108. Ana Diosell S. Bajao	-do-	-do-	-do-
109. Ritche B. Banacia	-do-	-do-	-do-
110. Enjie P. Cañete	-do-	-do-	-do-
111. Roland Joie G. Geli	-do-	-do-	-do-
112. Esperidion Y. Amper	-do-	-do-	-do-
113. Mary Luz E. Pomoy	-do-	-do-	-do-
114. John V. Caballero	-do-	-do-	-do-
115. Ryan P. Cimagala	-do-	-do-	-do-
116. Beann A. Natural	-do-	-do-	-do-
117. Donalyn A. Nicolasura	-do-	-do-	-do-
118. Mildred Eileen L. Ronsable	-do-	-do-	-do-
119. .Verlin Marie M. Baldapan	Workshop on the Standardization of Procedures/Guidelines on Management of cancelled terminated or expired lease contract , agreements and other tenurial instruments	November 19-24, 2018	Manila



CAREER & PERSONNEL DEVELOPMENT

NAME OF PERSONNEL	SEMINAR/ TRAINING/ WORKSHOP	DURATION	PLACE
DECEMBER			
120 Romeo M. Dalodado	Geological Conference 2018	December 10-13, 2018	Manila
121. Elaine L. Galido	-do-	-do-	-do-
122. Liza T. Pacete	-do-	-do-	-do-
123. Kate A. Boquilon	-do-	-do-	-do-
124. Beda Louie O. Cagampang	-do-	-do-	-do-
125. Claysterkim J. Paloma	-do-	-do-	-do-
126. Melvin A. Mantilla	-do-	-do-	-do-
127. Ralph Angelo B. Plaza	-do-	-do-	-do-
128. Noel G. Lumague	-do-	-do-	-do-
129. Mye Karla C. Semblante	-do-	-do-	-do-
130. Vernie A. Nonato	-do-	-do-	-do-
131. Gaius Jabez A. Galope	-do-	-do-	-do-
132. Marlowie S. Ageas	-do-	-do-	-do-
133. Jio Marnn M. Lendio	-do-	-do-	-do-
134. Noli N. Arreza	National Summit : Bridging the GAP for Small Scale Mining Sector	December 4-8, 2018	do-
135. Lilibeth P. Gimoto			

HUMAN RESOURCE DEVELOPMENT

The Human Resource Management Service of this Office has worked on various compliances with the Civil Service Commission rules and regulations. The Office maintains its timekeeping system with the use of a biometrics finger prints registry scanner. It minimizes the error caused by individual preparation of the daily time records (DTR) and ensures the fidelity of time records being kept by HRMS.

HRMS is continues its task of posting, maintaining and filing personnel data. This includes updating of personnel service records, personal data sheets (PDS), posting and updating of personnel individual leave credit ledgers, filling of performance evaluation system records, assets and liabilities and individual profile ready for submission to various scholarship grants call, among others.



DENR-MGB XIII has cooperated with various activities initiated by the DENR and MGB. The Office did not miss any calls for management conferences, trainings/seminars and other sectoral meetings. The Office also actively cooperated with the Civil Service Commission in providing management and supervisory development to its key personnel.

A total of One Thousand Seven Hundred Ninety-Four (1,794) travel orders of the employees were recorded by this Office as of December 2018. Submission of personnel with regard to monthly, semi-annual and annual reports has been satisfactorily complied.

GENERAL SERVICES

To ensure sound working condition and convenience of our clients, DENR-MGB XIII has continuously implemented various repairs, improvements and maintenance within Office compound. Likewise, adequate information and communications connectivity are being maintained to ensure prompt reception and transmission of relevant information to DENR Offices and external linkages.

The General Services has likewise ensured mobility of Office Personnel by maintaining the running condition of all vehicles.

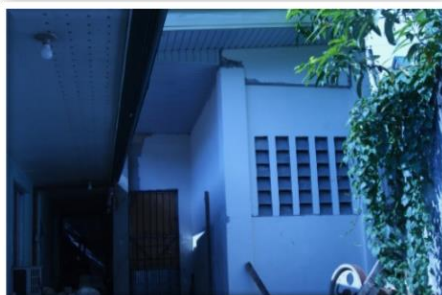
To ensure sound Office operations, the General Services has promptly procured necessary office supplies. DENR-MGB XIII is always harmonizing the execution of its mandate and promoting the welfare of its employees.

BUILDING REPAIRS & MODIFICATION



Training Center Extension

In order to cater to a large number of participants using the Training Center and to maximize the space, an extension building was constructed.



Records Room

To maintain ample spaces in the workplace, excessive file of documents, i.e. aging 3 years and beyond, shall be moved to archives. Thus, an old building at the back of the Guest House was repaired and modified in order to accommodate such records.



BUILDING REPAIRS & MODIFICATION



PARKING AREA

Back & front view of the parking area with roof cover for employee's vehicles.



Waiting Shed

While waiting for a ride of a public utility vehicle, MGB RXIII personnel and visitors will now be protected from heat of the sun or rain.

HANGING OF TARPAULINES

This Office fully supported the Women's Month Celebration, which is celebrated in the month of March. This year's theme is "*We Make Change Work for Women*".



With the collaborative efforts of all MGB RXIII personnel and after complying with the necessary documents needed for the ISO accreditation, this Office passed the BS EN ISO 9001:2015 Quality Management System accreditations.



Environment Month Celebration is celebrated for the whole month of June. A series of activities has been actively participated by the MGB RXIII personnel.





OPERATION

- **Mineral Investment
Promotion Program**
- **Mineral Industry
Development Program**



OPERATION

001: NATURAL RESOURCES SUSTAINABLY MANAGED

PROGRAM 1: MINERAL RESOURCES ENFORCEMENT AND REGULATORY PROGRAM

MINERAL INVESTMENT PROMOTION PROGRAM

All activities under the Mineral Investment Promotion Program (MIPP) are shared by two divisions; the Mine Management Division (MMD) and the Mining Safety, Environment and Social Development Division (MSESDD)

The Mining Tenement and Evaluation Section (MTES) which is under the MMD is mandated to perform the following functions pursuant to Section 2.2.3.1 of DENR Administrative Order (DAO) No. 2015-06 re: *“Providing for the Revised Organizational Structure and Functions of the Mines and Geosciences Bureau pursuant to its Approved Rationalization Plan”*, to wit:

- Undertakes initial evaluation of mining and mining related applications;
- Undertakes registration and maintains a registry of mining related documents;
- Investigates and assists in the resolution of conflicts/adverse claims/oppositions concerning mining tenements;
- Evaluates the financial and economic components of proposed mining projects; and
- Maintains the Regional MRMS.

Relative thereto, MTES is required to perform the following targets/programs/activities/projects based on the approved Work Plan of the Office for CY 2018.

1. Issuance of Permits/Contracts under Program Code A.03.c.1.a.1;
2. Use It or Lose it Policy under Program Code A.03.c.1.a.2;
3. Assistance to P/CMRB, LGUs and other Stakeholders under Program Code A.03.c.1.b;
4. Resolution of Complaints/Cases/Conflicts under Program Code A.03.c.4; and
5. Anti-Illegal Mining under Program Code A.03.c.5.



Issuance of mining permits/contracts (including in areas within mineral reservations) and other related permits

Overview

The issuance of mining agreements/contracts/permits is one of the core functions of the Bureau delegated or assigned to MTES as the section of the Mine Management Division primarily responsible on the evaluation and processing of the submitted applications.

Activities

1. Issuance of Agreements/Contracts/Permits (FTAA, MPSA, EP, ISAGP, MPP); and
2. Issuance of Ore Transport Permit (OTP)/Certification.

2.1 OTP

2.2 Certifications

2.3 Others (Acreditations, CEMCRR/CoE, DMPF for RO-Issued MPP)

3. Mineral Ore Export Permit 9MOEP) Issued/Validated

Accomplishments

For the CY 2018, the Regional Director, as per evaluation and recommendation of the MTES, has issued 582 Ore Transport Permits, 504 Mineral Ore Export Permits, 267 Certificates to Transport Samples, 1 Certificate of Environmental Management and Community Relations Record and 8 Certificate of Exemptions. During the period, no application for the Declaration of Mining Project Feasibility was endorsed to MGB Central Office for final evaluation and approval.

In the same calendar year, the Office through the Regional Director has issued or approved one (1) Industrial Sand and Gravel Permit to Equi-Parco Construction Company on 10 January 2018 and one (1) Mineral Processing Permit (MPP) to South Arkipelago Gravel and Sand on 26 April 2018.

The Office has not issued and/or endorsed new application for FTAA, MPSA and EP due to the moratorium on new mining projects under DENR Administrative Order No. 2016-01. But with regards to the renewal of existing mineral agreements/permits, the Office has approved one (1) Exploration Permit to All-Acacia Resources, Inc. on 20 July 2018.



The Environment Section of the Mining Safety, Environment & Social Development Division (MSESDD) issued Certificate of Environmental Management and Community Relations Record (CEMCRR) to Century Peak Corp.- Nickel Mining Project and Certificate of Exemptions (CoE) to the following projects which have no previous mining related activities, to wit:

1. South Arkipelago Gravel and Sand
2. Tagbina Limestone Resources Corp.
3. VPO Enterprises Gold Processing Plant
4. FNPM Metals Development Corp.
5. Recamara Mining Corp.
6. Zinith Mines Inc.
7. Tubajon Small Miners Association
8. Del Pilar Small-Scale Mining Assoc. Inc.

Table shows the PAPs with its annual targets vs actual annual physical accomplishments:

PERFORMANCE INDICATOR	ANNUAL TARGET	ANNUAL ACCOMPLISHMENT	% ANNUAL
Issuance of Mining Permits/Contracts (no.)			
a. Permits (EP,ISAGP, MPP)	2	3	150%
b. Ore Transport Permit (OTP)/Certification	620	849	137%
OTP	500	587	117%
Certification	120	267	222%
c. Other Permits (Accre., CEMCRR, CoE & DMPF)	8	9	113%
d. Mineral Ore Export Permit (MOEP) Issued/Validated (no.)	400	504	126%



Use it & Lose it Policy

Activities

1. Mining applications with final action; &
2. Mining Permits/Contracts reviewed/endorsed for Cancellation.

Overview

Item (e), Section 7 of DENR Administrative Order No. 2010-21, the Bureau shall have the authority to cancel or to recommend cancellation, after due process, mining rights, mining applications and mining claims for noncompliance with pertinent laws, rules and regulations.

Accomplishments

For the calendar year, the Office through MTES has denied, rejected and/or returned four (4) application for Exploration Permit and four (4) applications for Mineral Production Sharing Agreements, to wit:

Application for Mineral Production Sharing Agreement (APSA) of:

NO.	TENEMENT HOLDER	TENEMENT ID	STATUS
1	Apmedero Mining Corporation	APSA No. 0000-28-XIII	Rejected and returned on 19 April 2018
2	Minmetal Development Corporation	APSA No. 0000-23-XIII	Rejected and returned on 19 April 2018
3	Bernster Mining Exploration and Agro-Industrial Corporation	APSA No. 0000-39-XIII	Returned on 19 April 2018
4	Corplex Resources Incorporated	APSA No. 0000-56-XIII	Rejected and returned on 19 April 2018

Application for Exploration Permit (EXPA) of:

NO.	TENEMENT HOLDER	TENEMENT ID	STATUS
1	Ernesto Matugas	EXPA No. 0000-62-XIII	Returned on 19 April 2018
2	FNPM Development Corporation	EXPA No. 0000-227-XIII	Order of Denial issued on 24 September 2018
3	Necamara Mining Corporation	EXPA No. 0000-228-XIII	Order of Denial issued on 29 August 2018
4	Zinith Mines, Inc.	EXPA No. 0000-229-XIII	Order of Denial issued on 11 September 2018



Table shows the PAPs with its annual targets vs actual annual physical accomplishments:

PERFORMANCE INDICATOR	ANNUAL TARGET	ANNUAL ACCOMPLISHMENT	% ANNUAL
Use it or Lose it Policy			
Mining Application with Final Action (no.)	7	8	114%
Review of the Performance of Existing Mining Operations per EO No. 79			
Mining Permits/Contracts Reviewed/Cancelled/Endorsed for Cancellation (no.)	55	55	100%

Approval of SHES Program

Approvals of SHES Program are regular target under the Mining Safety, Environment & Social Development Division. The registered 63% only accomplishment of the approval of Environmental Protection & Enhancement Program (EPEP) is because the endorsement of the EPEP/FMRDP for final approval of the Contingent Liability and Rehabilitation Fund-Steering Committee (CLRF-SC) is demand driven.

For social development, the Social Development Section (SDS) of MSESDD also registered more than 100% accomplishments of its targets. For CY 2018, SDS was involved in the following activities:

1. Evaluation and Approval of the Five-Year Social Development and Management Programs (SDMP) of operating mines and Two-Year Community Development Programs (CDP) of exploration companies
2. Evaluation and Approval of the Annual Social Development and Management Programs (SDMP) of operating mines and Annual Community Development Programs (ACDP) of exploration companies
3. Semi-Annual Monitoring and Validation on the implementation of the Annual Social Development and Management Programs (SDMP) of operating mines
4. Annual Monitoring and Validation on the implementation of the Annual Community Development Programs (ACDP) of exploration companies
5. Integrated Safety and Health, Environment and Social Development (ISHES) Monitoring



Monitoring/Audit as to Compliance to the Approved Program	
ACTIVITY	ACCOMPLISHMENT
SDMP 1st Semester 2018 Validation/Monitoring (no.)	24
CDP Monitoring (together with ISHES)	18

OTHER SOCIAL DEVELOPMENT RELATED ACTIVITIES

In partnership with the mining consultants and mining companies in the region, the Social Development Section facilitated and conducted the following seminars, trainings and workshops:

1. SDMP Capacity Enhancement Seminar for the Community Relations Officers in Caraga on May 30-31, 2018 at the Philippine Gateway Hotel, Surigao City.

The activity was conducted by the Mines and Geosciences Bureau Regional Office No. XIII, in cooperation with the Community Relations, Education and Development Officers Organization (CREDO) Caraga, Inc. and BMP Environment & Community Care, Inc. The training was facilitated by Dr. Rolando Cuaño and Ms. Marita Cuaño of BMP Environment and Community Care, Inc. to capacitate the Community Relations Officers and Organizers of mining companies and processing plants as well as the regulatory agency which is the Mines and Geosciences Bureau. Aimed at making the workforce of SDMP more capacitated and empowered by having internalized the true objectives, scope, framework and methods of the SDMP, the training successfully attained the following objectives:

- A. Re-internalize the twin objectives of SDMP: Poverty Alleviation and Sustainability
- B. Re-assess the SDMP system – actors, rules, interconnectivities, feedback loops vis-à-vis the SDMP objectives and to formulate a system action plan
- C. Develop a working knowledge of the policies, standards, guidelines, and procedures embodied in the SDMP/CDP Manual of Operation (MOO)
- D. Discuss and agree on enhancements and supports to the MOO
- E. Finalize, agree and commit to an SDMP System Action Plan





2. Press Conferences conducted on March 16, 2018 (1st), June 14, 2018 (2nd), September 21, 2018 (3rd) and December 20, 2018 (4th). The following topics were given emphasis:

- A. Assessment on the Effects of Tropical Storm *Basyang* in Caraga Region
- B. Effects of Tropical Storm *Basyang* on Caraga Mining Companies
- C. Small-Scale Mining Updates in Caraga Region
- D. Rescue and Relief Operations of Caraga Mining Companies after the onslaught of Tropical Storm *Basyang*
- E. Environmental Protection Programs and Best Practices of Mining Companies in Caraga Region
- F. Recent Mining Policy Issuances and Directions
- G. Temporary Revegetation Plan of Platinum Group Metals Corporation
- H. National Task Force Mining Challenge (NTFMC) - Caraga Region Accomplishment Report



Annual Safety & Health Program (ASHP)

All mining companies are required to submit a Safety & Health Program as stipulated in Section 144 of DAO 2010-21. Within fifteen (15) working days before the start of every calendar year, the said program should be submitted to the office for evaluation and approval.

MGB R-XIII falls short of its target in the approval of Annual Safety & Health Program. Only 74% has been accomplished. For calendar year 2018, as per evaluation and approval of MGB Regional Office XIII, forty-one (41) companies were issued an ASHP Certificate of Approval (CoA).



The following represent the budgetary allocations for the Annual Safety and Health Program covering the year 2018 of all exploration, processing plants and operating mining companies including those that are under Care and Maintenance Program in the Caraga Region.

COMPANIES	APPROVED BUDGET (PHP)
1. Sinosteel Philippines H.Y. Mining Corporation	247,500.00
2. Krominco Inc.	738,500.00
3. Pacific Cement Philippines Inc.	293,700.00
4. Silangan Mindanao Mining Company, Inc.	514,750.00
5. AAM-PHIL Natural Resources Exploration and Dev't. Corp.	800,000.00
6. Greensstone Resources Corporation	1,373,000.00
7. Carrascal Nickel Corporation	4,053,768.00
8. Adnama Mining Resources Incorporated	2,767,505.00
9. CTP Construction & Mining Corporation – DNP	3,376,000.00
10. CTP Construction & Mining Corporation – AMP	5,107,000.00
11. Oriental Synergy Mining Corporation	1,211,000.00
12. Platinum Group Metals Corporation	5,212,700.00
13. Agata Mining Ventures Inc.	7,360,330.00
14. Libjo Mining Corporation	3,246,775.00
15. Taganito Mining Corporation	21,792,068.00
16. SR Metals Inc.	14,720,854.04
17. Mindanao Mineral Processing & Refining Corporation	4,405,396.00
18. Hinatuan Mining Corporation	5,190,995.00
19. Marcventures Mining and Development Corporation	6,342,672.00
20. Taganito HPAL Nickel Corporation	21,734,976.06
21. Kafugan Mining Incorporated	74,200.00
22. Cagdianao Mining Corporation	9,798,616.73
23. Westernshore Nickel Corporation	948,549.00
24. Bunawan Mining Corporation	140,000.00
25. Philsaga Mining Corporation – Co-o Project	13,067,707.00
26. Philsaga Mining Corporation – MPSA 344-2010-XIII	570,067.53
27. Philsaga Mining Corporation – MPSA 299-2009-XIII	570,067.53
28. Philsaga Mining Corporation – MPSA 262-2008-XIII - B	570,067.53
29. Philsaga Mining Corporation – EP-XIII-017	570,067.53
30. Philex Mining Corporation – Lascogon Project	189,100.00
31. Philex Mining Corporation – Kalayaan Project	189,100.00
32. Century Peak Corporation - Casiguran	334,000.00
33. Century Peak Corporation – Parcel II	788,000.00
34. Oriental Vision Mining Philippines Corporation	1,211,000.00
35. Manila Mining Corporation	1,156,000.00



COMPANIES	APPROVED BUDGET (PHP)
36. Pacific Nickel Philippines, Incorporated	3,040,300.00
37. Wellex Mining Corporation – Parcel 1	617,311.00
38. Wellex Mining Corporation – Parcel 2	617,311.00
39. Greenstone Resources Corporation – Mapawa Exploration Project	33,450.00
40. Agata Processing Incorporated	138,300.00
41. Semco Exploration & Mining Corporation – EP-00026-XIII	62,000.00
TOTAL APPROVED BUDGET	144,604,636.42

Table shows the PAPs with its annual targets vs actual annual physical accomplishments:

PERFORMANCE INDICATOR	ANNUAL TARGET	ANNUAL ACCOMPLISHMENT	% ANNUAL
Approval of SHES Program			
EPEP (w/ FMRDP), FMRDP and/or CMP with Final Action (no.)	8	5	63%
Annual EPE Approved (no.)	20	22	110%
SDMP/CDP Approved (no.)	2	4	200%
Annual SDMP Approved (no.)	20	26	130%
Annual SHP Approved (no.)	55	41	74%
Environmental Work Program (EWP) Endorsed (no.)	3	3	100%



Annual Safety & Health Inspection (SHI)

Pursuant to Section 145 (Mine/Quarry Safety Inspection and Audit) of DAO 2010-21, the Revised Implementing Rules and Regulations of R.A. 7942, otherwise known as the Philippine Mining Act of 1995, the Regional Director or his/her duly authorized representative shall have exclusive jurisdiction over the conduct of safety inspection and monitoring of the Safety and Health Program. From January to December, the following companies were inspected:

COMPANIES	TENEMENT ID	DATE CONDUCTED
1. Philsaga Mining Corporation	MPSA 262-2008-XIII	February 8-9, 2018
2. Mindanao Mineral Processing and Refining Corporation	MPP-001-2007-XIII	February 6-7, 2018
3. Adnama Mining Resources Inc.	MPSA-259-2007-XIII-SMR	February 14-15, 2018
4. Platinum Group of Metal Corporation	MPSA-007-1992-X	February 16-17, 2018
5. Greenstone Resources Corporation	MPSA 184-2002-XIII	March 14-15, 2018
6. Manila Mining Corporation	MPSA 253-2007-XIII	March 16-17, 2018
7. Carrascal Nickel Corporation	MPSA 243-2007-XIII-SMR	March 27-28, 2018
8. Taganito Mining Corporation	MPSA 266-2008-XIII-SMR	April 19-20, 2018
9. Hinatuan Mining Corporation	MPSA 246-2007-XIII-SMR	May 8-9, 2018
10. SR Metals Inc.	MPSA 261-2008-XIII	May 10-11, 2018
11. Philsaga Mining Corporation	MPSA 299-2009-XIII	March 26-28, 2018
12. Cagdianao Mining Corporation	MPSA 078-1997-XIII-SMR	May 15-16, 2018
13. Libjo Mining Corporation	MPSA 233-2007-XIII-SMR	May 17-18, 2018
14. Agata Mining Ventures Inc.	MPSA 134-1999-XIII	June 4-5, 2018
15. Taganito HPAL Nickel Corporation	MPP 014-2013-XIII	June 6-5, 2018
16. Greenstone Resources Corporation	MPSA 280-2009-XIII	June 4-6, 2018
17. Pacific Nickel Philippines Inc.	MPSA 072-1997-XIII-SMR	June 22-23, 2018
18. Taganito HPAL Nickel Corporation	MPP 014-2013-XIII	July 12-14, 2018
19. Hinatuan Mining Corporation – TNP	MPSA 246-2007-XIII-SMR	July 16-18, 2018
20. Silangan Mindanao Mining Company, Incorporated	MPSA 149-1999-XIII	July 17-18, 2018
21. Carrascal Nickel Corporation	MPSA 243-2007-XIII-SMR	July 18-20, 2018
22. Cagdianao Mining Corporation	MPSA 078-1997-XIII-SMR	July 19-21, 2018
23. Philsaga Mining Corporation	MPSA 262-2008-XIII	July 23-25, 2018
24. Mindanao Mineral Processing & Refining Corporation	MPP-01-2007-XIII	July 26-28, 2018
25. Westernshore Nickel Corporation	MPSA 233-2007-XIII-SMR	August 9-10, 2018
26. CTPCMC – Adlay Project	MPSA 018-1993-XI	August 22-23, 2018
27. CTPCMC – Dahican Project	MPSA 158-2000-XIII-SMR	August 22-22, 2018
28. Marcventures Mining & Dev't Corp.	MPSA 016-1993-XI	August 24-25, 2018
29. Sinosteel HY Nickel Corporation	MPSA 002-1990-XIII-SMR	September 11-12, 2018



COMPANIES	TENEMENT ID	DATE CONDUCTED
30. Kepha Mining Exploration Company	MPSA 248-2009-XIII-SMR	September 11-12, 2018
31. Phil Alstron Mining Corporation	MPSA 311-2010-XIII	September 13-14, 2018
32. Century Peak Corporation – CNMP	MPSA 010-1992-X-SMR	September 12-13, 2018
33. Century Peak Corporation – ENMP	MPSA 283-2009-XIII-SMR	September 13-14, 2018
34. Philex Mining Corporation – Lascogon Project	MPSA 148-1999-XIII-SMR	September 19-20, 2018
35. Philex Mining Corporation – Kalayaan Project	EP 00014B-XIII	September 20-21, 2018
36. Agata Processing Incorporated	EP 00027-XIII	September 20-21, 2018
37. Pacific Cement Philippines Incorporated	MPSA 084-1997-XIII	October 19, 2018
38. Oriental Synergy Mining Corporation	MPSA 001-1992-X	October 29-30, 2018
39. AAM-PHIL Natural Resources Exploration and Development Corporation – Parcel 1		October 30-31, 2018

Mine Safety & Health Standard Compliance

Under regulation, all mining companies within the region are subjected to the mandatory annual safety inspections by this Office which includes: Explosive Inspection, Electrical and Mechanical Inspection, Safety Performance Audit/Validation, Field Inspection of Proposed Storage Facilities (Magazines) and Verification of Blasting Scheme as stated under Chapter XV, Section 158 of the DENR Administrative Order No. 2010-21.

Application and Renewal of License to Purchase/Transfer Explosives/Explosive Ingredients

After the filing of application for Purchaser's License, the Regional Director concerned shall authorize the conduct of field inspection of storage facilities to determine whether or not the location and specifications of magazines are in accordance with those prescribed under DAO No. 2000-98 and to verify the proposed blasting scheme(s).



MGB RO No. XIII has issued nine (9) endorsements for License to Purchase/Transfer Explosive/Explosive Ingredients to Philippine National Police (PNP) on the following companies:

COMPANY	NUMBER OF ENDORSEMENTS
1. Consolidated Explosives Group Corporation (CONEX) – SMCC Philippines, Inc., contractor of Taganito HPAL Nickel Corporation.	1
2. Expedition Mining, Blasting and Drilling Incorporated, contractor of Philsaga Mining Corporation.	4
3. Manila Mining Corporation	2
4. Mount Rock Powder Corporation, contractor of Philsaga Mining Corporation	2

Likewise, this Office has also issued two (2) Certifications as a supporting document for the renewal of the License to Purchase/Transfer Explosives/Explosive Ingredients of the following companies:

COMPANY
Cagdianao Mining Corporation
Manila Mining Corporation

Electrical/Mechanical Installation Inspection and Permit issued

Permit for Electrical/Mechanical Installations as shown under Chapter XV, Section 150 of DAO 2010-21 states that no electrical and/or mechanical installation shall be undertaken inside a mining/quarrying operation compound without a permit issued by the Regional Office concerned. The table below shows the list of companies that were inspected and issued an Electrical/Mechanical Permit.



Electrical/Mechanical Installation Inspection and Permit issued

COMPANY	DATE OF INSPECTION
1. Equi-Parco Construction Supply	January 18-19, 2018
2. Libjo Mining Corporation	January 24-26, 2018
3. Century Peak Corporation - Casiguran	January 31-February 1, 2018
4. Pacific Cement Philippines, Inc.	February 7, 2018
5. Pacific Nickel Philippines Inc.	February 8-9, 2018
6. Platinum Group Metals Corporation	February 15-16, 2018
7. Greenstone Resources Corporation	March 14-15, 2018
8. Manila Mining Corporation	March 15-16, 2018
9. Equi-Parco Construction Supply	April 11-12, 2018
10. ADFIL Corporation	April 13, 2018
11. ADFIL Corporation	April 14, 2018
12. Arkipelago	April 14, 2018
13. Carrascal Nickel Corporation	April 19-21 2018
14. Oriental Vision Mining Phils. Corp.	April 26-27, 2018
15. Oriental Synergy Mining Corporation	May 2-3, 2018
16. KROMINCO, INC.	May 4-5, 2018
17. Taganito Mining Corportion	May 30-31, 2018
18. SR Metals Inc.	June 14-15, 2018
19. SPHYMC	June 18-19, 2018
20. AAMPFIL 1	June 20, 2018
21. Adnama Mining Resources Incorporated	July 23-25, 2018
22. Westernshore Nickel Corporation	August 9-10, 2018
23. Silangan Mindanao Mining Company, Inc.	September 3, 2018
24. Agata Mining Ventures Incorporated	September 6-8, 2018
25. Wellex Mining Corporation – Area I	April 24-25, 2018
26. Cagdianao Mining Corporation	November 29-30, 2018
27. Marcventures Mining & Development Corp.	December 10-11, 2018
28. CTP Construction & Mining Corporation	December 11-12, 2018



Processing of Permits Application / Issuance of Permits

Chapter XV, Section 146 of the same DENR Administrative Order, mandates all Safety Engineers and Safety Inspectors of mining/quarrying operations to be duly registered by the Regional Office concerned and the corresponding permit shall be issued for this purpose (MGB Form Nos. 15-1, 15-2 and 15-3). For the year 2018, this Office has accredited twenty-nine (29) Permanent Safety Engineers (PSE), thirty-four (34) Permanent Safety Inspectors (PSI), three (3) Temporary Safety Engineers (TSE) and thirty-four (34) Temporary Safety Inspectors, to wit:

NAME	COMPANY – CONTRACTOR	TYPE OF PERMIT
1. Sazkia Zantana D. Lubon	TMC	PSE
2. Rommel R. Urbiztondo	TMC	PSE
3. Benshane Jyf S. Pagasian	TMC	PSE
4. Cherry Mae Gabunada	TMC	PSE
5. Reynaldo M. Gaspe	KI	PSE
6. Farhan J. Ibrahim	CNC	PSE
7. Sieghfred S. Agang	TMC – Nickelbase	TSI
8. Dominic S. Alejo	TMC – HPK Cons.	PSI
9. Jasper Guerrero	TMC – HPK Cons.	PSI
10. Arnel S. Alce	TMC – FITZ SDMC	PSI
11. Ailyn G. Tolentino	TMC – FITZ SDMC	PSE
12. Ruben B. Bergonio	GRC	PSE
13. Al Reino C. Galvan	PCPI	PSI
14. Julius N. Galindo	TMC - TRGC	PSE
15. Rodney R. Adlaon	TMC - TRGC	TSI
16. Sheila Mae C. Cotoniel	CNC	PSE
17. Juwie Ann M. Amores	CMDC	PSE
18. Jomari S. Mercado	CNC - Nickelbase	TSE
19. Junriel R. Castanares	PNPI – JBE	TSI
20. Jeter Mondejar	PMC	TSI
21. Jure Fresan N. Mabras	PMC	PSI
22. Benjie R. Dela Cruz	PMC	PSI
23. Jason U. Sabellano	PMC	PSI
24. Jonathan M. Baga	PMC	PSI
25. Rodolfo C. Salluman	PMC	PSI



NAME	COMPANY – CONTRACTOR	TYPE OF PERMIT
26. Milmar M. Sistona	PMC	PSI
27. Felix Q. Lamanilao	THPAL - SMCCPI	PSI
28. Barry M. Azucenas	SMMCI	TSE
29. Ronald Buniel	CNC - Nickelbase	TSI
30. Salvador S. Eviota	SRMI	PSI
31. Neil A. Valerio	CNC - Nickelbase	PSI
32. Ronel S. Campo	MMC	TSE
33. Edgardo P. Acilo	MMC	PSI
34. Gremer P. Alquizar	THPAL - ACI	PSI
35. Jelomer O. Corvera	MMPRC	PSI
36. Elmer I. Rey	PGMC - NI	PSI
37. Christine Joy B. Cancino	PGMC - QMTTC	PSE
38. Iris A. Arado	TMC - HPKC	PSE
39. Roel T. Correos	CNC - NI	PSI
40. Darlie Gerad G. Antenorio	AMVI	PSE
41. Patrick Al A. Dumangas	CMC	TSI
42. Diamond G. Galan	CMC	TSI
43. James I. Torres	CMC	TSI
44. Nicetas Ruth E. Rosal	HMC	PSE
45. Edgar Thomas E. Bagalay	TMC - NI	PSE
46. Arniel L. Acaylar	TMC - MBCS	TSI
47. James I. Barrameda	PMC	PSE
48. Gioven B. Villanueva	AMVI	PSE
49. Averee N. Bartolome	CNC - SCDC	PSE
50. Ray Mart T. Arañez	TMC - TRGC	TSI
51. Aldrin L. Resullar	TMC - TRGC	PSI
52. Gil James G. Licot	HMC – TNP - GNHTC	PSI
53. Joel B. Reyes	CMC	PSE
54. Carlos A. Rivero	CMC	TSI
55. Archie V. Sierra	CMC	PSI
56. Louvibel R. Taganas	PMC	TSI
57. Wes Jeddediah C. Cañete	CPC	TSI
58. Benedicto L. Igdalino	PMC	TSI
59. Patrick Joseph L. Araza	PMC	TSI
60. Lysander A. Bentoso	PMC	TSI
61. Glenn R. Pino	PMC	TSI
62. Clifford Jed M. Baluran	PMC	TSI
63. Bemar S. Delos Reyes	PMC	TSI
64. Neptali P. Inocian	PMC	TSI
65. Marson D. Apsay	PMC	TSI



NAME	COMPANY – CONTRACTOR	TYPE OF PERMIT
66. Anthony Bryan E. Escurel	WNC	PSE
67. Rino S. Plaza	SPYHMC	TSI
68. Rex L. Ruadiel	CTPCMC - RTSI	PSI
69. Jeffer P. Clavel	CTPCMC - VCDC	PSI
70. Michael C. Postrero	CTPCMC	PSI
71. Reynaldo C. Lingatong	CTPCMC	TSI
72. Felomino L. Sardovia	CNC	PSI
73. Jesriel L. Serantes	PMC - SCS	TSI
74. Laurence L. Sandoval	PMC – SCs	TSI
75. Jestoni Kim L. Curias	PCPI	TSI
76. Rea Maychele L. Avila	CTPCMC	TSI
77. J-Euwil I. Tuldanes	CTPCMC	TSI
78. Mario T. Gercan, Jr.	CTPCMC	PSE
79. Joshua A. Ladia	PGMC - NI	TSI
80. Nike O. Pacquiao	PGMC - LEMC	PSE
81. Philip C. Gorgonio	PGMC - LEMC	PSI
82. Pemejun S. Paloma	HMC - NI	PSI
83. Joland M. Hendive	CMC - NI	TSI
84. Cathy Mae L. Gecoso	PGMC - CTBEC	PSE
85. Al L. Ambid	PGMC - CTBEC	PSI
86. Jovelle E. Lasang	HMC - NI	PSE
87. Daniel L. De La Piña	TMC	PSI
88. Daryl P. Anahaw	HMC	PSE
89. Aquim B. Ladroma	PGMC - CKDI	PSI
90. Romer E. Tabugon	WNC	TSI
91. Randy A. Sungayab	GRC	PSE
92. Dexter M. Cabeza	AMVI	PSE
93. Jocer P. Castor	AMVI	PSI
94. Chrizza Joy G. Polistico	AMVI	PSI
95. Aldrin L. Dolaoco	AMVI	PSI
96. Renell V. Palaruan	AMVI	PSE
97. Lucianito C. Reatazan, Jr.	MMDC	TSI
98. Gil C. Dumas	MMDC	TSI
99. Robrex D. Rubi	MMDC	PSI
100. Ilyn Wella Mae C. Polido	CNC	TSI



OTHER SAFETY RELATED ACTIVITIES

- Conducted Caraga Mine Safety and Health Council (CMSHC) quarterly meetings on February 9, 2018 and May 7, 2018.
- Conducted Fatal Accident Investigation on the following companies:

COMPANY	DATE OF TRAINING
Platinum Group Metals Corporation	April 24, 2018
AAMPHIL Mining Resources Incorporated	August 16, 2018
Century Peak Corporation - CPNM	September 27-28, 2018
Taganito Mining Corporation	October 18-19, 2018
Philsaga Mining Corporation	October 24-25, 2018

- Participated in the conduct of Basic Occupational Safety and Health (BOSH) Training (as Guest Speaker for DAO 2000-98, the Mine Safety and Health Standards) in the following companies:

COMPANY	DATE OF TRAINING
Philsaga Mining Corporation	June 21 – 22, 2018
CTP CMC – Adlay Nickel Mining Project	November 7, 2018
Mindanao Mineral Processing & Refining Corporation	November 27, 2018
Philsaga Mining Corporation	December 4, 2018

- Participated in the conduct of Emergency Operation Center Training last November 12-14 by the Regional Disaster Risk Reduction Management Council (RDRMC) at Butuan City.



PHOTO DOCUMENTATION



Some of the photos during the conduct of Safety and Health Inspections and ASHP Validations

Photos were taken at Platinum Group Metals Incorporated (left) and Taganito Mining Corporation (right) during the conduct of Fatal Accident Investigations.



Some of the photos taken during the conduct of Safety Refresher Course, Qualifying Examination and Interview.





Development of Small-Scale Mining - Assistance to Provincial/City Mining Regulatory Board (P/CMRB)/ LGUs/ Other Stakeholders

Activities

1. Provinces Inventoried for Small-Scale Mining Sites
2. Minahang Bayan sites Identified
3. Minahang Bayan Sites endorsed to DENR through MGBCO
4. P/CMRBs operationalized
5. P/CMRBs Reconstituted
6. Meetings conducted/participated
7. P/CMRB Regional Consultations Conducted

Overview

Republic Act No. 7160 also known as the Local Government Code of 1991 provides the devolution of some functions of the Mines and Geosciences Bureau to the Local Government Unit which includes, primarily, the enforcement of the small-scale mining laws and issuance of sand and gravel or quarry permits in areas not more than five (5) hectares.

The acceptance, processing and evaluation of the applications of the aforesaid permits shall be performed and duly filed before the Provincial/City Mining Regulatory Board (P/CMRB) which was created pursuant to Republic Act No. 7076, also known as the People's Small-Scale Mining Act of 1991 and its implementing rules and regulations.

However, the Bureau, in coordination with all its Regional Offices shall extend the above-mentioned assistance to the P/CMRBs, LGUs and other stakeholders concerned.

Accomplishments

- For CY 2018, technical personnel of MTES has inventoried five (5) mining areas in the Province of Agusan del Norte, Agusan del Sur, Surigao del Sur and Province of Dinagat Islands including one (1) illegal quarry sites in the Province of Surigao del Norte.



Technical validation conducted last 22 February 2018.

- Technical personnel of MTES have identified one (1) *Minahang Bayan* site in Cansayong, Malimono, Surigao del Norte through geologic assessment and technical validation conducted last 22 February 2018.
- MTES has endorsed one (1) petition for Declaration of People's Small-scale Mining Area or *Minahang Bayan* of Brgy. Cansayong, Malimono, Surigao del Norte to the DENR Secretary through the MGB Central Office.
- The Office through the Regional Director or his/her duly authorized representative, as Chairperson of the Provincial/City Mining Regulatory Boards (P/CMRB) has conducted twenty (20) P/CMRB meetings.
- For the year, the Office maintained the five (5) operationalized Provincial Mining Regulatory Boards (PMRBs) and 1 City Mining Regulatory Board (CMRB) in the Region.
-



Present compositions of the Board for the 5 provinces and 1 city are as follows:

PROVINCE/CITY	NAME	DESIGNATION
1. City of Butuan	Engr. Noli N. Arreza	Chairman, MGB Representative
	Hon. Cromwell P. Nortega	Representative of the City Mayor
	Dino T. Gangca	SAG Concessionaire's Representative
	Joan B. Gorme	Accredited Envi. NGO
2. Province of Surigao del Sur	Engr. Noli N. Arreza	Chairman, MGB Representative
	Mr. Efren E. Rivas, Jr.	Representative of the Provincial Governor
	Mr. Ernesto C. Bocales	Small-Scale Mining Representative
	Engr. Charlo R. Basadre	Large-Scale Mining Representative
	Ms. Lucina G. Mendero	CSAG Permittee Representative
	Mr. Radigundo E. Rivas	NGO Representative
3. Province of Surigao del Norte	Engr. Noli N. Arreza	Chairman, MGB Representative
	Ivonne B. Dumadag	Representative of the Provincial Governor
	Engr. Corsino L. Odtojan	Large-Scale Mining Representative
	Arceli T. Napalan	Environmental NGO Representative
	Dionesio Paler, Jr.	CSAG Permittee Representative
4. Province of Agusan del Norte	Engr. Carlos E. Cogolio, Jr.	Chairman, MGB Representative
	Mr. Alberto T. Endozo, Jr.	Representative of the Provincial Governor
	Mr. Jonathan P. Caga-anan	Small-Scale Mining Representative
	Atty. Gil M. Cembrano	Large-Scale Mining Representative
	Engr. Reynaldo B. Alfante	Environmental NGO Representative
5. Province of Agusan del Sur	Engr. Noli N. Arreza	Chairman, MGB Representative
	Mr. Efren Isorena	Representative of the Provincial Governor
	Mr. Cristopher D. Ocite	Small-Scale Mining Representative
	Engr. Ferdinand A. Cortez	Large-Scale Mining Representative
	Mr. Elpidio M. Camorro	Environmental NGO Representative
	For. Daniel R. Lastimosa	Ex-Officio
6. Province of Dinagat Islands	Engr. Noli N. Arreza	Chairman, MGB Representative
	Mr. Zacarias N. Vales	Representative of the Provincial Governor
	Jacinto C. Daganasol	Small-Scale Mining Representative
	Henry P. Guntinas	Large-Scale Mining Representative
	Manuel T. Tenoso	Environmental NGO Representative



Table shows the PAPs with its annual targets vs actual annual physical accomplishments:

PERFORMANCE INDICATOR	ANNUAL TARGET	ANNUAL ACCOMPLISHMENT	% ANNUAL
Development of Small-Scale Mining - Assistance to Provincial/City Mining Regulatory Board (P/CMRB)/ LGUs/ Other Stakeholders			
Inventory of Peoples Small-Scale Mining (PSSM)/Minahang Bayan(MB) Areas, and Quarry/Sand and Gravel (SAG)/Small-Scale Mining (SSM) Sites (no.)	5	5	100%
Proposed Minahang Bayan sites identified (no.)	1	1	100%
Proposed Minahang Bayan sites endorsed to DENR through MGBCO (no.)	1	1	100%
P/CMRB Meetings conducted/participated (no.)	20	20	100%
P/CMRBs maintained/operationalized/reconstituted (no.)	6	6	100%



OPERATION

001: NATURAL RESOURCES SUSTAINABLY MANAGED

PROGRAM 1: MINERAL RESOURCES ENFORCEMENT AND REGULATORY PROGRAM

MINING INDUSTRY DEVELOPMENT PROGRAM

Like MIPP, all activities under the Mining Industry Development Program (MIDP) are shared by two divisions; the Mine Management Division (MMD) and the Mining Safety, Environment and Social Development Division (MSESDD).

The Monitoring and Technical Services Section (MTSS) of the Mines and Geosciences Bureau (MGB) Regional Office No. XIII mandated to perform the following functions pursuant to Section 2.2.3.2 of Department of Environment and Natural Resources (DENR) Administrative Order (DAO) No. 2015-06 re: *“Providing for the Revised Organizational Structure and Functions of the Mines and Geosciences Bureau pursuant to its Approved Rationalization Plan”*, to wit:

Undertakes monitoring of the disposition and utilization of mineral lands and resources;

1. Validates mineral reserves of mining operations;
2. Undertakes mineral statistical analysis; and
3. Provides technical assistance to stakeholders.

Relative thereto, MTSS is required to perform the following targets / programs / activities / projects based on the approved Work Plan of the Office for CY 2018:

Monitoring/Audit of Mining Permits/Contracts/Leases/Claims/JOAs (including those within Mineral Reservations) as to compliance with the Terms and Conditions/Requirements and implementation of approved Work Program/Safety, Health, Environmental and Social Development Programs



Mining Rights monitored (no.) as to compliance with:

Activities

1. Monitoring of Mining Rights Compliance of the companies
2. Issuance of Certification pertaining to the compliance with the terms and conditions of the Contract/Permit

Overview

The monitoring on the mining rights compliance of the companies is one of the core functions of the Bureau delegated or assigned to MTSS as a section of the Mine Management Division. This activity aims to monitor and assess the company's compliance with the commitments stipulated in the approved Work Programs; to determine compliance with the terms and conditions under the Mining Contract/Permit, as well as the provisions of the Republic Act (RA) No. 7942 and its implementing rules and regulations, DAO No. 2010-21; and to issue a Certification pertaining to the said compliance.

Accomplishments

As of December 2018, the Office through MTSS has conducted field monitoring on 43 mining tenements under Mineral Production Sharing Agreement (MPSA), Exploration Permit (EP) and Mineral Processing Permit (MPP) as seen in Table 1, and to enhance the compliance in the mining rights monitoring and/or validation, the MTSS has spearheaded the crafting of the following Regional Memoranda, to wit:

- a. Regional Memorandum No. 2018-01 re: "Digital Copies of the Reportorial Obligations Under Section 270 of the Department of Environment and Natural Resources Administrative Order No. 2010-21";
- b. Regional Memorandum No. 2018-02 re: "Standard Format for Annual Land Use Report";
- c. Regional Memorandum No. 2018-03 re: "Standard Format for Annual and Quarterly Status Report";
- d. Regional Memorandum No. 2018-04 re: "Pro-Forma Requirements for All the Reportorial Obligations Under Section 270 of the Department of Environment and Natural Resources Administrative Order No. 2010-21"; and
- e. Regional Memorandum No. 2018-07 re: "Payment of Verification Fee for Mining Rights Verification/Validation"



TABLE 1: Mining Rights Monitoring

No.	Tenement No.	Name of Tenement Holder/Operator	Date Conducted
1	EP No. 000024-XIII	SEMCO Exploration and Mining Corporation (SEMCO)	January 29–February 2, 2018
2	EP No. 000025-XIII	SEMCO	January 29–February 2, 2018
3	EP No. 000026-XIII	SEMCO	January 29–February 2, 2018
4	EP No. 000030-XIII	SEMCO	January 29–February 2, 2018
5	MPSA No. 284-2009-XIII	Kepha Mining Exploration Company (KEPHA)	February 21-23, 2018
6	*MPSA No. 016-93-XIII	Marcventures Mining and Development Corporation (MMDC)	March 2-5, 2018
7	*MPSA No. 011-92-X	Minahang Bayan ng Mamamayan ng Dinagat Islands Cooperative, Inc. (MBMDICI)/ Oriental Synergy Mining Corporation (OSMC)	March 2-6, 2018
8	*MPSA No. 242-2007-XIII (SMR)	Norweah Metals & Minerals Company, Inc./Oriental Vision Mining Philippines Corporation	March 2-6, 2018
9	*MPSA No. 233-2007-XIII (SMR)	East Coast Mineral Resources Co., Inc. / Libjo Mining Corporation (ECMRCI/LMC)	March 2-6, 2018
10	*MPSA No. 007-92-X	Surigao Integrated Resources Corporation/Platinum Group Metals Corporation (SIRC/PGMC)	March 2-7, 2018
11	*MPSA No. 018-93-X	CTP Construction and Mining Corporation-Adlay	March 6-10, 2018
12	*MPSA No. 158-2000-XIII (SMR)	CTP Construction and Mining Corporation-Dahican	March 6-10, 2018
13	*AAMPFIL Parcel 1 – Joint Operating Agreement (JOA)	AAM-Phil Natural Resources Exploration and Development Corporation (AAMPFIL Parcel 1)	March 7-12, 2018
14	*MPSA No. 031-94-X	Vista Buena Mining Corporation/Wellex Mining Corporation (VBMC/WMC)	March 7-14, 2018
15	*MPSA No. 010-92-X	Century Peak Mining Corporation (CPC – Casiguran)	March 7-14, 2018



TABLE 1: Mining Rights Monitoring

No.	Tenement No.	Name of Tenement Holder/Operator	Date Conducted
16	*MPSA No. 283-2009-XIII (SMR)	Century Peak Corporation (CPC – Rapid City)	March 7-14, 2018
17	*MPSA No. 103-98-XIII (SMR)	Claver Mineral Development Corporation (CMDC)	March 8-10, 2018
18	*MPSA No. 259-2007-XIII (SMR) Amended II	Adnama Mining Resources Incorporated (AMRI)	March 11-15, 2018
19	MPSA No. 262-2008-XIII	Philsaga Mining Corporation (PMC)	March 26-28, 2018
20	MPSA No. 299-2008-XIII	Philsaga Mining Corporation (PMC)	March 26-28, 2018
21	MPSA No. 311-2010-XIII	Phil Alstron Mining Corporation (PAMC)	May 21-26, 2018
22	MPSA No. 310-2010-XIII	Asia Alstron Mining and Development Corporation	May 21-26, 2018
23	MPSA No. 184-2002-XIII	Greenstone Resources Corporation (GRC)	June 4-6, 2018
24	MPSA No. 280-2009-XIII	Greenstone Resources Corporation (GRC)	June 4-6, 2018
25	MPSA No. 008-92-X	NAREDICO, Incorporated (NAREDICO)	July 5-7, 2018
26	MPP No. 001-2007-XIII	Mindanao Mineral Processing and Refining Corporation (MMPRC)	June 7-8, 2018
27	MPSA No. 291-2009-XIII	Krominco, Incorporated (KI)	July 2-4, 2018
28	MPSA No. 266-2008-XIII	Taganito Mining Corporation (TMC)	July 9-11, 2018
29	MPP No. 14-2013-XIII	Taganito HPAL Nickel Corporation (THPAL)	July 12-14, 2018
30	MPSA No. 148-99-XIII	Philex Gold Philippines, Inc. (Philex)	July 16-18, 2018
31	MPSA No. 243-2007-XIII	CTP Construction and Mining Corporation / Carrascal Nickel Corporation (CTPCMC / CNC)	July 23-24 & 27, 2018
32	MPSA No. 246-2007-XIII (SMR)	Hinatuan Mining Corporation (HMC)	July 23-25, 2018
33	MPSA No. 247-2007-XIII (SMR)	Ludgoron Mining Corporation (Ludgoron)	July 25-27, 2018
34	MPSA No. 002-90-X	Sinosteel Philippines H.Y. Mining Corporation (SPHYMC)	August 7-9, 2018
35	MPSA No. 078-97-XIII (SMR)	East Coast Mineral Resources Co, Inc. / Cagdianao Mining Corporation (ECMRCI / CMC)	August 28-30, 2018



TABLE 1: Mining Rights Monitoring

No.	Tenement No.	Name of Tenement Holder/Operator	Date Conducted
36	MPSA No. 261-2008-XIII (Amended)	SR Metals, Incorporated (SRMI)	August 29-31, 2018
37	EP No. 000033-XIII	Bunawan Mining Corporation (BMC)	September 10-12, 2018
38	MPSA No. 134-99-XIII	Agata Mining Ventures Inc.	September 12-14, 2018
39	MPSA No. 344-2010-XIII	Philex Gold Phil., Inc.	September 13-15, 2018
40	MPSA No. 149-99-XIII	Silangan Mindanao Mining Co., Inc. (SMMCI)	September 18-20, 2018
41	EP No. 000014B-XIII	Kalayaan Copper-Gold Resources, Incorporated (KCGRI)	September 20-22, 2018
42	EP No. 000027-XIII	Agata Processing Incorporated (API)	October 15-17, 2018
43	MPSA No. 072-97-X (SMR)	Pacific Nickel Philippines, Inc. (PNPI)	October 15-19, 2018
44	MPSA No. 028-94-X (SMR)	Minahang Bayan ng Mamamayan ng Albor	November 26-28, 2018

Note: * Tenement, Safety and Health, Environment and Social Development Monitoring were conducted by the Composite Team from MGB CO and other MGB RO.

Further, in line with Section 39, Item b (vi) of DAO No. 2010-21, this Section has issued 11 Certifications as of December 2018. Table No. 2 below shows the names of the Contractors that were given a Certification/s pertaining to the abovementioned compliance, as well as the date of issuance of the same.

TABLE 2: CERTIFICATION ISSUANCE

No.	Tenement No.	Name of Tenement Holder	Date of Issuance
1	MPSA No. 011-92-X (SMR)	MBMDICI/OSMC	May 9, 2018
2	MPSA No. 284-2009-XIII	KEPHA	May 17, 2018
3	EP No. 000030-XIII	SEMCO	July 2, 2018
4	MPSA No. 018-93-X	CTPCMC	July 3, 2018
5	MPSA No. 280-2009-XIII	GRC	July 17, 2018
6	MPSA No. 299-2009-XIII	PMC	July 18, 2018
7	MPP No. 14-2013-XIII	THPAL	August 14, 2018
8	MPSA No. 262-2008-XIII	PMC	August 20, 2018
9	MPSA No. 018-93-X	CTPCMC	August 20, 2018
10	MPP No. 14-2013-XIII	THPAL	September 24, 2018
11	MPSA No. 031-94-X (SMR)	VBMC	October 1, 2018



PHOTO DOCUMENTATION



Photos 1 to 3 show the Mining Rights Monitoring conducted by this Section for the EP No. 000027-XIII of API.

Photos 4 to 9 show the monitoring of the compliance of mining companies with the terms and conditions of their MPSA, as well as with the provisions of RA 7942 and its implementing rules and regulations, DAO No. 2010-21.



Photos 10 to 15 show the conduct of the Mining Rights Monitoring at THPAL (top) and MMPRC (bottom) for their MPP Nos. 14-2013-XIII and 001-2007-XIII, respectively.



Safety and Health, Environmental and Social Development

With the issuance of MGB Memorandum Circular No. 2018-02, MGB has come up with a new Standard Monitoring System by using checklists that shall ascertain the compliance of Contractors/Permittees/Permit Holders with the terms and conditions and laws, rules and regulations and provide a performance rating system by using scorecards to determine the compliance level of Contractors/Permittees/Permit Holders. The checklists and scorecards were already used during the Tenement, Safety and Health, Environmental and Social Development (TSHEs) monitoring conducted in twenty-one (21) operating mines and eleven (11) non-operating companies under Care and Maintenance Status.

SHES Monitoring

No.	Tenement No.	Name of Tenement Holder/Operator	Date Conducted
1	EP No. 000024-XIII	SEMCO Exploration and Mining Corporation (SEMCO)	January 29–February 2, 2018
2	EP No. 000025-XIII	SEMCO Exploration and Mining Corporation (SEMCO)	January 29–February 2, 2018
3	EP No. 000026-XIII	SEMCO Exploration and Mining Corporation (SEMCO)	January 29–February 2, 2018
4	EP No. 000030-XIII	SEMCO Exploration and Mining Corporation (SEMCO)	January 29–February 2, 2018
5	MPSA No. 284-2009-XIII	Kepha Mining Exploration Company (KEPHA)	February 21-23, 2018
6	*MPSA No. 016-93-XIII	Marcventures Mining and Development Corporation (MMDC)	March 2-5, 2018
7	*MPSA No. 011-92-X	Minahang Bayan ng Mamamayan ng Dinagat Islands Cooperative, Inc. (MBMDICI)/ Oriental Synergy Mining Corporation (OSMC)	March 2-6, 2018
8	*MPSA No. 242-2007-XIII (SMR)	Norweah Metals & Minerals Company, Inc./Oriental Vision Mining Philippines Corporation	March 2-6, 2018
9	*MPSA No. 233-2007-XIII (SMR)	East Coast Mineral Resources Co., Inc. / Libjo Mining Corporation (ECMRCI/LMC)	March 2-6, 2018
10	*MPSA No. 007-92-X	Surigao Integrated Resources Corporation/Platinum Group Metals Corporation (SIRC/PGMC)	March 2-7, 2018
11	*MPSA No. 018-93-X	CTP Construction and Mining Corporation-Adlay	March 6-10, 2018
12	*MPSA No. 158-2000-XIII (SMR)	CTP Construction and Mining Corporation-Dahican	March 6-10, 2018



No.	Tenement No.	Name of Tenement Holder/Operator	Date Conducted
13	*AAMPFIL Parcel 1 – Joint Operating Agreement (JOA)	AAM-Phil Natural Resources Exploration and Development Corporation (AAMPFIL Parcel 1)	March 7-12, 2018
14	*MPSA No. 031-94-X	Vista Buena Mining Corporation/Wellex Mining Corporation (VBMC/WMC)	March 7-14, 2018
15	*MPSA No. 010-92-X	Century Peak Mining Corporation (CPC – Casiguran)	March 7-14, 2018
16	*MPSA No. 283-2009-XIII (SMR)	Century Peak Corporation (CPC – Rapid City)	March 7-14, 2018
17	*MPSA No. 103-98-XIII (SMR)	Claver Mineral Development Corporation (CMDIC)	March 8-10, 2018
18	*MPSA No. 259-2007-XIII (SMR) Amended II	Adnama Mining Resources Incorporated (AMRI)	March 11-15, 2018
19	MPSA No. 262-2008-XIII	Philsaga Mining Corporation (PMC)	March 26-28, 2018
20	MPSA No. 299-2008-XIII	Philsaga Mining Corporation (PMC)	March 26-28, 2018
21	MPSA No. 311-2010-XIII	Phil Alstron Mining Corporation (PAMC)	May 21-26, 2018
22	MPSA No. 310-2010-XIII	Asia Alstron Mining and Development Corporation	May 21-26, 2018
23	MPSA No. 184-2002-XIII	Greenstone Resources Corporation (GRC)	June 4-6, 2018
24	MPSA No. 280-2009-XIII	Greenstone Resources Corporation (GRC)	June 4-6, 2018
25	MPSA No. 008-92-X	NAREDICO, Incorporated (NAREDICO)	July 5-7, 2018
26	MPP No. 001-2007-XIII	Mindanao Mineral Processing and Refining Corporation (MMPRC)	June 7-8, 2018
27	MPSA No. 291-2009-XIII	Krominco, Incorporated (KI)	July 2-4, 2018
28	MPSA No. 266-2008-XIII	Taganito Mining Corporation (TMC)	July 9-11, 2018
29	MPP No. 14-2013-XIII	Taganito HPAL Nickel Corporation (THPAL)	July 12-14, 2018
30	MPSA No. 243-2007-XIII	CTP Construction and Mining Corporation / Carrascal Nickel Corporation (CTPCMC / CNC)	July 23-24 & 27, 2018
31	MPSA No. 246-2007-XIII (SMR)	Hinatuan Mining Corporation (HMC)	July 23-25, 2018
32	MPSA No. 247-2007-XIII (SMR)	Ludgoron Mining Corporation (Ludgoron)	July 25-27, 2018
33	MPSA No. 078-97-XIII (SMR)	East Coast Mineral Resources Co, Inc. / Cagdianao Mining Corporation (ECMRIC / CMC)	August 28-30, 2018



No.	Tenement No.	Name of Tenement Holder/Operator	Date Conducted
34	MPSA No. 261-2008-XIII (Amended)	SR Metals, Incorporated (SRMI)	August 29-31, 2018
35	MPSA No. 134-99-XIII	Agata Mining Ventures Inc.	September 12-14, 2018
36	MPSA No. 149-99-XIII	Silangan Mindanao Mining Co., Inc. (SMMCI)	September 17-21, 2018
37	MPSA 148-99-XIII	Silangan Mindanao Mining Co., Inc. (SMMCI)	September 17-21, 2018
38	EP No. 000013-XIII	Silangan Mindanao Mining Co., Inc. (SMMCI)	September 17-21, 2018
39	EP No. 000014B-XIII	Kalayaan Copper-Gold Resources, Incorporated (KCGRI)	September 20-22, 2018
40	MPSA No. 072-97-X (SMR)	Pacific Nickel Philippines, Inc. (PNPI)	October 15-19, 2018
41	MPSA No. 253-2007-XIII	Manila Mining Corp.	October 23-26, 2018
42	EP No. 000014A-XIII	Manila Mining Corp.	October 23-26, 2018
43	MPSA No. 028-94-X (SMR)	Minahang Bayan ng Mamamayan ng Albor	December 13-14, 2018

Table shows the PAPs with its annual targets vs actual annual physical accomplishments:

PERFORMANCE INDICATOR	ANNUAL TARGET	ANNUAL ACCOMPLISHMENT	% ANNUAL
Monitoring/Audit of Mining Permits/Contracts/Leases/Claims/JOAs (including those within Mineral Reservations) as to compliance with the Terms and Conditions/Requirements and implementation of approved Work Program/Safety, Health, Environmental and Social Development Programs			
Mining Rights monitored (no.) as to compliance with:			
a. Work Program/Terms and Conditions/Requirements	42	44	105%
b. Safety, Health, Environment and Social Development (SHES) Programs			
b.1 Mining rights monitored	42	43	102%
b.2 Number of monitoring conducted	42	43	102%
c. Monitoring Report on Mining Forest Program (MFP) submitted	2	2	100%



Resolution of Complaints/Cases/Conflicts

MSESDD also took charge in conducting field investigations in response to the various complaints filed at the Office of the President, MGB Central Office and MGB 13 Regional Office. For the year, out of fifteen (15) complaints that were validated and resolved, fourteen (14) were related to environmental management, to wit:

1. Complaint of Mr. Jorry Morte Monopollo Against LMC on the Alleged Damage on His Plants, Crops and Properties Located in Brgy. Antonio, Libjo, PDI
2. Complaint of Mr. Joarde Robles Against CMC on the Alleged Damage on His Private Land
3. Effects of Tropical Storm Basyang to the Communities of Mamanwa Village and Brgy. Babuyan, Carrascal, Surigao del Sur
4. Effects of Tropical Storm Basyang to CTP-CMC and MMDC and its Vicinities Located in the Municipalities of Carrascal and Cantilan, Surigao del Sur
5. Massive Siltation on the Rice Fields of Siana Farmers Small Water Impounding System Association Inc. (SFSWISA) Allegedly Caused by GRC After TS Basyang Located at Brgy. Siana, Mainit, Surigao del Norte
6. Alleged Destructive Mining Activities in Cantilan, Surigao del Sur
7. Complaint of Mr. Gregorio Murillo on the Alleged Environmental Destruction Due to Mining Operations in the Municipalities of Carrascal and Cantilan, Surigao del Sur
8. Complaint of Mr. Adrian Apao on the Mining Operations in Carrascal, Surigao del Sur that Allegedly Caused Continuous Destruction to the Environment
9. Complaint on the Degradation of Various Farmlands Caused by the Alleged Siltation Coming from the Tenement Area of AAMPFIL Parcel 1
10. Complaint on the Degradation of Various Farmlands Caused by the Alleged Siltation Coming from the Tenement Area of SPHYMC
11. Complaint of Mr. Ray Duarte Bolongaita Against the Mining Operations of AMVI in Colorado, Jabonga, Surigao del Norte
12. Complaint of Ms. Leonilia O. Colandog for Farmland Destruction Owned by Campintac Farmers Irrigators Association, Inc. (CFIA) Due to an Alleged Irresponsible Mining Practice of CPC Located at Brgy. Panamaon, Loreto, PDI
13. Complaint of Mr. Bernardo Salaveria on the Alleged Destroyed/Damaged Plants and Other Improvement During the Construction of Road Leading to AMVI Located in Brgy. Lawigan, Tubay, Agusan del Norte
14. Complaint of Mr. Narciso S. Etom on his Planted Crops and Trees that were Allegedly Damaged by MMC at Sitio Didjo, Brgy. Banban, Taganaan, Surigao del Norte



Under the Panel of Arbitrators (POA), aside from the regular quarterly reports that the Office has submitted to the central office, the Office has also acted the following complaints, to wit;

1. Sulmerito L. Emilanco, Eleuterio A. Dominguito, Jr, Eluterio A. Dominguito, Sr. versus ShenZhou Mining Corp. under Case No. 067 for Adverse Claim;
2. Heirs of Constantino B. Gupana versus Crau Mineral Resources Corp. and Century Peak Corp. under Case No. 075 for the Amendment of APSA and Recognition of the Protestant as Sole APSA Applicant;
3. Susie B. Tad-Y versus Bernster Mining Exploration & Agro-Industrial Corp. & Mindanao Philcord Mining Corp. under Case No. 078 for Claims on Legal Entitlement of Land/Surface Right Owner; and
4. Sulmerito L. Emilanco, Eleuterio A. Dominguito, Jr, Eluterio A. Dominguito, Sr. versus Claver Mineral Dev't. Corp. under Case No. 076 for Claims on Legal Entitlement of the Land/Surface Right Owner.

Table shows the PAPs with its annual targets vs actual annual physical accomplishments:

PERFORMANCE INDICATOR	ANNUAL TARGET	ANNUAL ACCOMPLISHMENT	% ANNUAL
Complaints/cases/conflicts investigated/resolved by: (no.)			
a. MGB	12	15	125%
b. Panel of Arbitrators			
b.1 Complaints/Cases acted upon	4	4	100%
b.2 Quarterly Accomplishment/Inventory Report of the Panel of Arbitrators	4	4	100%



Anti-Illegal Mining Campaign

For CY 2018, there are about nine (9) Cease and Desist Orders issued by the Office, to wit;

1. Stoppage order on the illegal Small-Scale Mining activity w/n the confines of Manila Mining Corp. APSA 000107-XIII;
2. Stoppage order on the illegal Small-Scale Mining activity w/n the confines of Manila Mining Corp. APSA 000083-XIII;
3. All illegal quarry operations & marine extraction in Siargao Island, Surigao del Norte;
4. Stoppage order on illegal excavation quarry activity in upper Dacunan, Ipil, Surigao City;
5. Cease & Desist Order on illegal Small-Scale Mining in San Miguel, Surigao del Sur;
6. Cease & Desist Order of all illegal Small-Scale Mining in Masgad, Malimono, Surigao del Norte;
7. Cease & Desist Order of all illegal Small-Scale Mining in Alipao, San Pedro & San Juan, Alegria, Surigao del Norte;
8. Cease & Desist Order on illegal Small-Scale Mining in Calaitan, Bayugan City, Agusan del Sur; &
9. Cease & Desist Order on quarry operation of Dan-Bel Con. In Brgy. Sta Emilia, Veruela, Agusan del Sur.

A total of thirty two (32) Multipartite Monitoring Teams (MMT) has been operationalized and around one hundred four (104) MMT monitoring/inspections was conducted and one hundred thirty- five (135) Mine Rehabilitation Fund Committee (MRFC) meetings facilitated. Quarterly monitoring was conducted in twenty-one (21) operating mines and semi-annual monitoring in eleven (11) non-operating companies under Care and Maintenance Status.

Table shows the PAPs with its annual targets vs actual annual physical accomplishments:

PERFORMANCE INDICATOR	ANNUAL TARGET	ANNUAL ACCOM.	% ANNUAL
Anti-Illegal Mining Campaign			
Cease and Desist Orders issued/implemented (no.)	3	9	300%
Charges filed with the Provincial/City Prosecutors Office (no.)	3	3	100%
Strengthen Multi-partite Monitoring System			
Multi-partite Monitoring Teams (MMT) of mining projects (with permits issued by MGB) operationalized (no.)	28	32	114%



OTHER ACTIVITIES:

In partnership with mining companies, other government agencies and the academe, the Environment Section participated, facilitated and conducted the following activities:

1. Capacity Building Seminar and Workshops on Efficient Monitoring of Tenements, Safety and Health, Environmental Management and Social Development (T-SHES) Compliance Requirements Using the Revised Monitoring Checklist and Scorecard

A series of seminars were participated by the technical personnel of MSESDD and MMD on the above-mentioned subject. This is in pursuant to MC No. 2018-02 Re: Guidelines for Compliance Monitoring and Rating/Scorecard of Mining Permit/Contracts. The first Seminar-Workshop was held in Phil. Gateway Hotel, Surigao City on February 27-28, 2018 and a similar activity was held in Apo View Hotel, Davao City on April 2-6, 2018. Some technical personnel from MGB Central Office were present during the activities.

Last July 31-August 3, 2018, a delegate from MGB RO No. XIII attended the Orientation Workshop on the New Policies of the Mines and Geosciences Bureau at the Hotel Rembrandt, Quezon City. The activity was participated by technical personnel from the Mine Management Division (MMD) and the Mine Safety, Environment and Social Development Division (MSESDD) of the different regional offices. The activity was aimed to ensure the efficient monitoring of tenements, safety and health, environmental management and social development (T-SHES) compliance requirements using the revised monitoring checklist and accomplishing the scorecard to determine the level of compliance of mining companies.



Relative thereto, a two-day Orientation Workshop on the Memorandum Circular No. 2018-02 was conducted last September 4-5, 2018 at Parkway Hotel, Surigao City. The orientation workshop was participated by 135 participants from 29 different mining companies in Caraga Region. The aim of the activity is to ensure that mining companies will have a clear understanding on the new procedures in monitoring using the revised monitoring checklist and accomplishing the scorecard to determine their level of compliance.



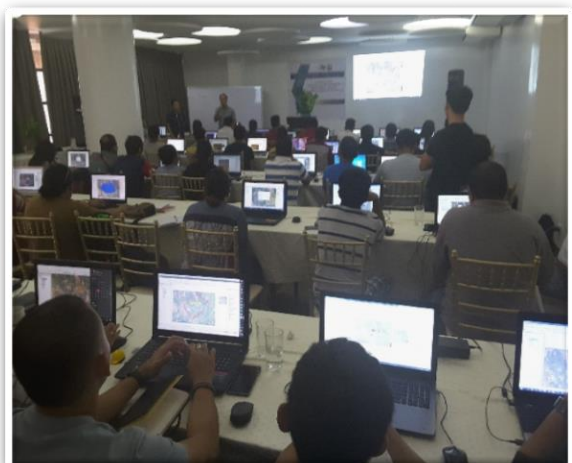
2. Apprehensions and Other Related Activities to Stop the Illegal Mining Operations in Caraga

An Orientation Workshop focused on MGB Memorandum Circular No. 2018-01 Re: Guidelines in the Conduct of Apprehension, Seizure, Confiscation and Disposition of Illegally Sourced Minerals/Mineral Products and By-Products, Tools, Conveyances and Equipment Used was participated last July 31-August 3, 2018 at the Hotel Rembrandt, Quezon City. Efforts of MGB to stop the illegal mining operations were highlighted specifically being in the front line as team leaders in the National Task Force Mining Challenge. Most of the MSESDD personnel were designated as team leaders and members during the apprehensions in the following small-scale mining areas:



- A. Placer, Surigao del Norte
- B. Malimono, Surigao del Norte
- C. Rosario, Agusan del Sur
- D. Bunawan, Agusan del Sur

3. Five-day Training on the Principles and Applications of Remote Sensing and Geographical Information System (GIS) last March 12-16, 2018 in Hotel Oasis, Butuan City





The activity is in coordination with Caraga Mine Environmental Management Council (CMEMC) thru Caraga State University, College of Engineering and Information Technology (CSU-CEIT) professors. This was participated by staff from Mining Environment Protection Enhancement Office (MEPEO) and Engineering Office of all mining companies within Caraga Region, and selected technical staff from this Office.

The training objectives was to realistically come-up with National Greening Program and Mining Forest Program spatial data, based on the 2012 National Greening Program standard requirement, that will eventually be able to reflect in the mobile app “Environmentor”, and to generate a spatial data not just on rehabilitated areas but also disturbed areas in compliance with the Sustainable Integrated Area Development (SIAD) requirements.

4. 2018 Philippine Environment Month Celebration

In the annual celebration of the Philippine Environment Month, the Mines and Geosciences Bureau, Regional Office No. XIII has conducted several activities in partnership with several national government agencies and the mining sector. In keeping with the theme Beat Plastic Pollution: If You Can’t Reuse It, Refuse It!, activities were centered on the campaign to become less reliant on the use of plastic products. Below are the activities participated and organized by the Office for the 2018 Philippine Environment Month Celebration.

- A. Kick-off for DENR Caraga’s Environment Month and Philippine Eagle’s Week Celebrations last June 4, 2018 in Butuan City
- B. Coastal Cleanup in Brgy. San Juan, Surigao City last June 14, 2018
- C. Press Conference and Mining Engineer’s Convention (MinECon) last June 14, 2018

This is in cooperation with the Community Relations, Education & Development Officers Organization (CREDO Caraga), Inc. and the Philippine Society of Mining Engineers, held at the Philippine Gateway Hotel in Surigao City. The activity aimed to heighten public awareness of MGB’s environmental mandates and best





practices of Caraga minerals industry in keeping with the 2018 Environment Month Celebration. It also aimed to inform the public of the Mining Engineers' Convention 2018 and its various activities in consonance with the PSEM and the mining stakeholders' communal pursuit towards a revitalized minerals industry. The theme of the MinECon 2018 is Minerals-based Industrialization: Key to Philippine Economic Progress. In addition, the activity was aimed at strengthening the participation of and dialogue between the media and the mining stakeholders in achieving their common goals of ethical mining, ecological sustainability and authentic development.

D. Environment Month Culmination Activities in Partnership with the Caraga Mine Environmental Management Council (CMEMC) last June 28-29, 2018 at St. Paul University Surigao Gymnasium

The aim of the series of activities is to intensify public awareness of environmental preservation and instill in the participants from mining companies and host communities a sense of accountability as stewards of the environment. The competitions that were battled out by the



representatives of the mining companies on the first day were Songwriting and Singing Competition, Interpretative Dance Competition, and G. at Bb. Kalikasan Talent Contest. The exceptionally vibrant, innovative and stimulating Environmental Video, Photography and On-the-Spot Poster Making Competitions ensued on the second day. The Search for the Ginoo at Binibining Kalikasan 2018 last June 29, 2018 capped the culmination activities of mining companies for this year's environment month. The search is open to all single employees or scholars of legal ages of Caraga mining companies.



5. 2018 National Science Club Month Celebration – SDN Division Science Fair, Quiz, Yes-O and Training Camp this October 1-3, 2018 at the Division Resource and Training Center and Surigao del Norte National High School, Surigao City

Some personnel from the Environment Section were in-charged of the preparation of test questions for the Environmental Quiz from Grade 3 to Grade 12. At the same time, they acted as judges for various competitions like poster-making contest, YES-O exhibit, 3D collage making, among others. This has been an annual partnership of MGB RO XIII and Department of Education-Surigao del Norte Division.





OPERATION

- **Mineral Resources Services**
- **National Mineral Reservation Program**



OPERATION

001: NATURAL RESOURCES SUSTAINABLY MANAGED

PROGRAM 1: MINERAL RESOURCES AND GEOSCIENCES PROGRAM

MINERAL SERVICES

COMMUNICATION PLAN FOR MINERAL RESOURCES AND GEOSCIENCE DEVELOPMENT

The Communication Plan was formulated to intensify Information, Education and Communication campaign in Caraga Region. This is designed in such a way that it will make the presence of mining felt in the communities and the entire region as an active partner in sustainable development and responsible mining. The Caraga minerals industry aims to cultivate harmonious relationships with different sectors such as other government agencies, local government units, academe, non-government organizations and the media in order to intensify the advocacies of the industry.

The Mines and Geosciences Bureau Regional Office No. XIII works together with various industry organizations such as the Chamber of Mines Caraga, Inc.; the Caraga Mine Environmental Management Council; the Community Relations, Education and Development Officers Organization-Caraga, Inc. and the Caraga Mine Safety and Health Council in order to heighten public awareness of the current state of Caraga minerals industry and accomplish the following objectives of the Communication Plan:

- Increase public awareness and support to the Caraga mining industry;
- Conduct efficient and improved information drive on geohazards, calamities and climate change; and
- Provide a baseline data on the socioeconomic profile of mining communities in a five-year period to address the unrelenting debate tagging several municipalities in Caraga as among the poorest in the country.

For CY 2018, the Communication Plan utilized tools such as print and broadcast media in various forms such as press releases, radio programs, website, fora and symposia, study tours, and press conferences involving the different stakeholders of the minerals industry. The Communication Plan of the Mines and Geosciences Bureau Regional Office No. XIII was complemented by the Communication Plan of mining firms for their respective areas of jurisdiction. In its efforts to strengthen its Information, Education and Communication advocacies, MGB RXIII has collaborated with the Philippine Information Agency Caraga Regional Office and a considerable number of Caraga media outfits in the successful conduct of several activities such as mining IEC caravans and press conferences.



The detailed Communication Plan for Minerals Development Report is as follows:

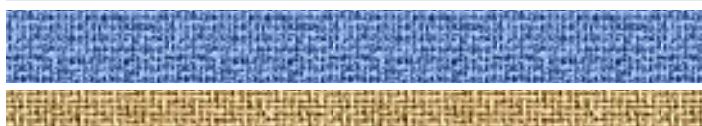
Conduct Awareness and Advocacy on Mineral Resources and Geosciences (MRGS)

Stakeholder's Forum

1. Dialogues with Sangguniang Panlalawigan Bayan

Date of Activity	Title of Activity	Target Audience
March 27, 2018	Regular Session of Sangguniang Bayan of Carrascal, Province of SDS in which one of the agenda is the Request of Brigh Green Resources Corp. for the Endorsement of the Application for Renewal of MPSA denominated as MPSA No. 015-1993-XIII at the Office of the Sangguniang Bayan of Carrascal in SDS	Mining Stakeholders and LGUs
May 23, 2018	Technical Conference for Municipal Local Government Units of Rosario and Bunawan, Agusan del Sur	Local Government Unit Officials of Rosario, Agusan del Sur and Philsaga Mining Corporation and Mindanao Mineral Processing and Refining Corporation Officials
July 20, 2018	Spot Report on the Public Hearing with the La Fraternidad Fisherfolks Women's Association (LAFFWO) with regard to their issues and concern with San Roque Metals Inc. (SRMI)	Mining Stakeholders and LGUs
August 23, 2018	Dialogue with the Sangguniang Bayan re: Clarification on the Status of the Existing Illegal Mineral Processing Plants in the Municipality of Santiago, Agusan del Norte	Mining Stakeholders and LGU
October 22, 2018	Dialogue with the Sangguniang Bayan of Sison, Surigao del Norte regarding the provisions of DAO No. 2015-03, the Revised Implementing Rules and Regulations of RA No. 7076, otherwise known as the People's Small-Scale Mining Act of 1991 at the Sangguniang Bayan Office of Sison	All Sangguniang Bayan Members and Municipal Vice Mayor

Dialogue with Municipality of Rosario, Agusan del Sur Officials regarding taxes/benefits derived from mining operations of Philsaga Mining Corporation and Mindanao Mineral Processing and Refining Corporation on May 23, 2018 at the MGB RXIII Conference Room





2. Dialogues with other groups (Religious groups, CSO, academe, etc.)

Date of Activity	Title of Activity	Target Audience
January 16, 2018	Technical Conference with Adnama Mining Resources, Inc. and Platinum Group Metals Corporation relative to 2017 Safety and Health, Environmental, Social Development and Tenement Compliance Monitoring at the MGB Central Office in Quezon City	Mining Stakeholders and MGB technical personnel
January 17, 2018	Technical Conference with Claver Mineral Development Corporation and CTP Construction and Mining Corporation (Dahican Project) relative to 2017 Safety and Health, Environmental, Social Development and Tenement Compliance Monitoring at the MGB Central Office in Quezon City	Mining Stakeholders and MGB technical personnel
January 18, 2018	Technical Conference with Oriental Vision Mining Philippines Corporation and AAM-Phil Natural Resources Exploration and Development Corporation (Parcel I) relative to 2017 Safety and Health, Environmental, Social Development and Tenement Compliance Monitoring at the MGB Central Office in Quezon City	Mining Stakeholders and MGB technical personnel
January 19, 2018	Technical Conference with East Coast Mineral Resources Co., Inc. (Operators: Libjo, Westernshore & Alnor) and Wellex Mining Corporation relative to 2017 Safety and Health, Environmental, Social Development and Tenement Compliance Monitoring at the MGB Central Office in Quezon City	Mining Stakeholders and MGB technical personnel
February 5, 2018	Technical Conference with Century Peak Corporation at the MGB Central Office in Quezon City	Mining Stakeholders and MGB technical personnel
February 9, 2018	Dialogue/Meeting with Agata Mining Ventures, Inc. & CBFM-PO (Tagpangahoy Farmers & Fisherfolks Association) in Butuan City	MGB RXIII personnel, AMVI personnel, DENR-CENR Office of Tubay, Agusan del Norte and CBFM-PO
March 13-16, 2018	Information, Education and Communication on Illegal Small-Scale Mining and Mineral Processors in Placer and Malimono, Surigao del Norte	MGB personnel and Mining Stakeholders
March 16, 2018	We Make Change in the Minerals Industry: Women Inspiring Women Forum at the Philippine Gateway Hotel	Women employees from Caraga mining companies and MGB RXIII personnel



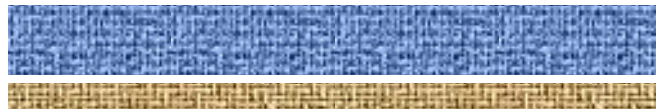
Date of Activity	Title of Activity	Target Audience
March 16, 2018	1st Quarterly Press Conference at the Philippine Gateway Hotel	MGB RXIII, Community Relations, Education & Development Officers Organization (CREDO Caraga), Inc., Chamber of Mines of Caraga Region Incorporated (CMCRI), Caraga Mine Safety and Health Council (CMSHC), Philippine Information Agency Caraga Regional Office, Caraga mining companies and Surigao del Norte Media Outfits
May 9-12, 2018	Pre-planning Meeting on the Launching Activity for the Rehabilitation of Small-Scale Mining Quarry Sites in SIPLAS in Butuan City	Provincial Environment Management Office of Surigao del Norte, DENR-Protected Areas Supervising Unit and Mines and Geosciences Bureau Regional Office No. XIII
June 6-7, 2018	IEC Campaign on SDMP Manual of Operations and presentation of the revised 5-year SDMP of Mindanao Mineral Processing and Refining in Bayugan 3, Rosario, Agusan del Sur	Community Stakeholders of Mindanao Mineral Processing and Refining Corporation
June 14, 2018	2nd Quarterly Press Conference at the Philippine Gateway Hotel in Surigao City	Philippine Information Agency Caraga Regional Office; Reporters from Surigao del Norte media outfits and Northern Mindanao Broadcasting System; Members of the Philippine Society of Mining Engineers; MinECon 2018 delegates; Resident Mine Managers, Community Relations Officers and a good number of personnel from Caraga mining companies
June 15-16, 2018	IEC Campaign on SDMP Manual of Operations and presentation of the revised 5-year SDMP of Carrascal Nickel Corporation in Carrascal, Surigao del Sur	Community Stakeholders of Carrascal Nickel Corporation
July 4, 2018	IEC Campaign on SDMP Manual of Operations and presentation of the revised 5-year SDMP of Adnama Mining Resources Inc. in Urbiztondo, Claver, Surigao del Norte	Community Stakeholders of Adnama Mining Resources Inc.
July 5-6, 2018	IEC Campaign on SDMP Manual of Operations and presentation of the revised 5-year SDMP of Libjo Mining Corporation in Libjo, Province of Dinagat Islands	Community Stakeholders of Libjo Mining Corporation
July 13, 2018	IEC Campaign on SDMP Manual of Operations and presentation of the revised 5-year SDMP of Taganito Mining Corporation in Claver, Surigao del Norte	Community Stakeholders of Taganito Mining Corporation



Date of Activity	Title of Activity	Target Audience
July 23, 2018	IEC Campaign on SDMP Manual of Operations and presentation of the revised 5-year SDMP of Platinum Group Metals Corporation in Claver, Surigao del Norte	Community Stakeholders of Platinum Group Metals Corporation
August 7, 2018	PH-EITI Roadshow 2018 at Hotel Tavern, Surigao City	Mining Stakeholders, LGUs and Non-Government Organizations
August 13-15, 2018	IEC Campaign on SDMP Manual of Operations and presentation of the revised 5-year SDMP of Philsaga Mining Corporation and Mindanao Mineral Processing and Refining Corporation in Agusan del Sur	Community Stakeholders of Philsaga Mining Corporation and Mindanao Mineral Processing and Refining Corporation



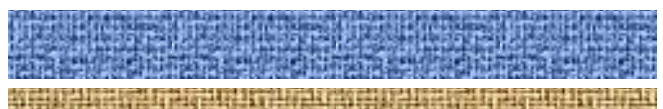
We Make Change in the Minerals Industry: Women Inspiring Women Forum on March 16, 2018 at the Philippine Gateway Hotel



3rd Quarterly Press Conference on September 21, 2018 at the Philippine Gateway Hotel in Surigao City



PH-EITI Roadshow 2018 on August 7, 2018 at Hotel Tavern, Surigao City





IEC Activities (Multi-media Campaign)

1) Radio/TV guestings

Date of Activity	Title of Activity	Target Audience
January 12, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program aired on CMN-DXSN (Radyo Magbalantay) with Greenstone Resources Corporation	Caraga Region populace
January 19, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program aired on CMN-DXSN (Radyo Magbalantay) with Jeffred Equibal of Pacific Nickel Philippines, Inc.	Caraga Region populace
January 25, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program aired on RPN-DXKS (Radyo Ronda) with Mr. Jose Salve Cabiling	Caraga Region populace
January 26, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program aired on CMN-DXSN (Radyo Magbalantay) with Aaron Duhaylungsod of Hinatuan Mining Corporation	Caraga Region populace
February 1, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program aired on RPN-DXKS (Radyo Ronda)	Caraga Region populace
February 2, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program aired on CMN-DXSN (Radyo Magbalantay) with Ms. Alicia Enaldo of Adnama Mining Resources, Inc.	Caraga Region populace
February 9, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program aired on CMN-DXSN (Radyo Magbalantay) with Mr. Wilfredo Labe, Ms. Marivel Cape, Mr. Bienvenido Alaras & Ms. Melanie Pantilo of Platinum Group Metals Corporation	Caraga Region populace
February 22, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program aired on RPN-DXKS (Radyo Ronda) with Ms. Christie A. Apale	Caraga Region populace
February 23, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program aired on CMN-DXSN (Radyo Magbalantay) with Ms. Judy B. Urbiztondo and Mr. Mark Vincent E. Felias of Taganito Mining Corporation	Caraga Region populace
March 15, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program aired on RPN-DXKS (Radyo Ronda) with Ms. Gerlie B. Jayme of Libjo Mining Corporation	Caraga Region populace
April 12, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program with For. Enjie Pacillos-Cañete of MSESDD aired on RPN-DXKS (Radyo Ronda)	Caraga Region populace
April 19, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program with Mr. Elecito E. Escuyos of MSESDD aired on RPN-DXKS (Radyo Ronda)	Caraga Region populace
April 26, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program with For. Enjie Pacillos-Cañete of MSESDD aired on RPN-DXKS (Radyo Ronda)	Caraga Region populace
May 10, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program aired on CMN-DXSN (Radyo Magbalantay) with Mr. Noel Vertudez and Ms. Casey Maureen Correos of CTP Construction and Mining Corporation	Caraga Region populace
May 25, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program with Ms. Liza Pacete, Janeth Aparri & Vernie Nonato of GSD aired on RPN-DXKS (Radyo Ronda)	Caraga Region populace
June 7, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program aired on RPN-DXKS (Radyo Ronda)	Caraga Region populace
June 8, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program aired on CMN-DXSN (Radyo Magbalantay)	Caraga Region populace



Date of Activity	Title of Activity	Target Audience
June 15, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program aired on CMN-DXSN (Radyo Magbalantay) with Mr. Jomark Anthony Ayala of Philsaga Mining Corporation & Mindanao Mineral Processing and Refining Corporation	Caraga Region populace
June 29, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program aired on CMN-DXSN (Radyo Magbalantay) with Atty. Axel Tumulak & Mr. Jose Herteodelus Bayana of Silangan Mindanao Mining Company, Inc.	Caraga Region populace
July 20, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program aired on CMN-DXSN (Radyo Magbalantay) with Mr. Roel Paniza & Mr. Andrew Bagao of Greenstone Resources Corporation	Caraga Region populace
July 27, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program aired on CMN-DXSN (Radyo Magbalantay) with Messrs. Jefred Equibal, Michael Ramirez, Rio Acuña, Leonardo Lolo & Vic Sapinit, Jr. of Pacific Nickel Phils., Inc.	Caraga Region populace
August 2, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program with Engr. Lilibeth P. Gimoto of MMD aired on RPN-DXKS (Radyo Ronda) on August 2, 2018	Caraga Region populace
August 9, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program with Engr. Lilibeth P. Gimoto of MMD aired on RPN-DXKS (Radyo Ronda)	Caraga Region populace
August 17, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program aired on CMN-DXSN (Radyo Magbalantay) with Ms. Cyrille Cortez, Mr. Jonel Garcia & Mr. Jundel Tundag of Platinum Group Metals Corporation	Caraga Region populace
August 24, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program aired on CMN-DXSN (Radyo Magbalantay) with Ms. Nissi Aline Alvarez & Mr. Mark Vincent Felias of Taganito Mining Corporation	Caraga Region populace
September 7, 2018	<i>Katilingban ug Kinaiyahan</i> Radio Program aired on CMN-DXSN (Radyo Magbalantay) with Mr. Joseph Timtim of Oriental Vision Mining Philippines Corporation	Caraga Region populace



Katilingban ug Kinaiyahan Radio Program with Mses. Alicia Enaldo and Nida Tio of Adnama Mining Resources, Inc. aired on RPN-DXKS (Radyo Ronda) on September 6, 2018



Katilingban ug Kinaiyahan Radio Program with Mr. Elecito E. Escuyos of MSESDD aired on RPN-DXKS (Radyo Ronda) on August 30, 2018



Katilingban ug Kinaiyahan Radio Program aired on CMN-DXSN (Radyo Magbalantay) with Atty. Axel Tumulak & Mr. Jose Herteodelus Bayana of Silangan Mindanao Mining Company, Inc. on June 29, 2018



2) Press releases/photo releases/feature stories

Date Published/Posted	Title of Article
February 15, 2018	MGB conducts 2018 Geoscience Workshop (submitted to PIA Caraga on February 15, 2018)
March 28, 2018	MGB RXIII, CREDO, CMCRI and CMSHC hold 1st Quarterly Press Conference (published on PIA Caraga Website on March 28, 2018)
March 26, 2018	MGB RXIII celebrates 2018 National Women's Month (submitted to PIA Caraga on March 26, 2018)
April 4, 2018	MGB RXIII conducts Training on the Principles and Applications of Remote Sensing and GIS (submitted to PIA Caraga on April 4, 2018)
April 27, 2018	MGB RXIII plays a part in DENR efforts to curb illegal mining (published on PIA Caraga Website on April 27, 2018)
May 4, 2018	MGB RXIII-Dinagat Satellite Office takes part in Earth Day Coastal Clean-up (submitted to PIA Caraga on April 30, 2018)
May 10, 2018	MGB RXIII conducts Vulnerability and Risk Assessment in Surigao del Sur (submitted to PIA Caraga on May 10, 2018)
May 17, 2018	MGB RXIII carries out Groundwater Resource Mapping and Assessment on Siargao Islands (submitted to PIA Caraga on May 16, 2018)
July 13, 2018	MGB RXIII carries out Groundwater Resource Mapping and Assessment in Surigao City (submitted to PIA Caraga on July 13, 2018)
August 3, 2018	MGB RXIII Social Development Section carries on with its continuing IEC Campaign on SDMP Manual of Operation (submitted to PIA Caraga on August 3, 2018)
September 20, 2018	MGB RXIII holds Orientation Workshop on Guidelines for Compliance Monitoring and Rating/Scorecard of Mining Permits/Contracts (submitted to PIA Caraga on September 20, 2018)
September 21, 2018	25th Annual Mining Symposium and Exhibits: A testimony to Filipino mining engineers' vital role in socioeconomic progress (submitted to PIA Caraga on September 21, 2018)



Capacity Building on MRGS Laws, Rules & Regulations

1) Workshops/training conducted/coordinated for/participated in by MGB personnel

Date of Activity	Title of Activity	Target Audience
January 22-25, 2018	Seminar-Workshop on Strategic Planning for Marine Geological Survey and Research in Tagaytay City	MGB Central Office and Regional Offices Personnel
February 1-7, 2018	2018 Geoscience Workshop at the Patio de San Jose in Malilipot, Albay	MGB Central Office and Regional Offices Personnel
February 15-16, 2018	Mindanao Cluster Orientation and Workshop for the Institutionalization of Hotline 8888 at the Ritz Hotel Garden Oasis in Davao City	DENR Regional Offices and Line Agencies (Mindanao Cluster)
February 22-23, 2018	Writeshop, Workshop & Meeting in the Preparation of ARB Vulnerability Assessment and Climate Change Resilient Master Plan for Agusan River Basin in Butuan City	Agusan River Basin Council and Stakeholders
February 27 to March 1, 2018	Safety, Health, Environmental, and Social Development and Tenement Monitoring and Capability Building for MGB XIII at the Philippine Gateway Hotel, Surigao City	MGB Central Office and MGB RXIII Personnel
March 5-10, 2018	2019 Budget Proposal Workshop in Manila	MGB Central Office and Regional Offices Personnel
March 9-10, 2018	Action Planning Workshop in Cantilan, Surigao del Sur	DENR Caraga, MGB RXIII, Carrascal and Cantilan LGUs, Civil Society Organizations & Usec. Michelle Go
March 5-14, 2018	Training Program on Geovia Surpac in Pasay City	MGB Central Office & Regional Offices
March 12-16, 2018	Training on the Principles and Applications of Remote Sensing and Geographic Information System at Hotel Oasis, Butuan City	Staff from Mine Environmental Protection and Enhancement Office (MEPEO) and Engineering Office of all Caraga mining companies and selected MGB RXIII technical staff
April 2-7, 2018	Technical Capacity Building Seminar on the Standardized Checklist for the Monitoring of Tenements, Safety and Health, Environmental and Social Development Programs in Davao City	Thirty-five (35) MGB RXIII personnel and five (5) personnel from MGB RXI and RX



Date of Activity	Title of Activity	Target Audience
April 10-14, 2018	Training Course on Measurement of Uncertainty and Internal Quality Control in the Analytical Laboratory in Manila	Analytical Laboratory Personnel of MGB Central Office and Regional Offices
April 10-14, 2018	6th Seminar-Workshop on Mining Conflict/Dispute Resolution at the Icon Hotel in Manila	DENR Regional Panel of Arbitrators
April 16-20, 2018	Seminar-Workshop on Integrity, Transparency and Accountability in Public Service, Effective and Efficient Public Service Information Disclosure and Data Privacy Protocol in Manila	Department of Environment and Natural Resources personnel
April 18-20, 2018	Workshop on Identifying Potential Green Investments at the Grand Palace Hotel in Butuan City	Caraga Local Government Units with mining communities and stakeholders
May 8, 2018	Forum on Anti-Sexual Harassment Act of 1995 at the MGB RXIII Training Center	MGB RXIII personnel
May 7-11, 2018	GIS Training-Course on Basic Mapping in Butuan City	GIS Focal Persons from DENR RXIII, line bureaus, PENROs and CENROs
June 19-22, 2018	DENR Sylvatrop Writeshop at Orchid Garden Suites, Malate, Manila	35 potential writers from all DENR bureaus and offices across the country
June 24-26, 2018	Forum-Workshop on Mainstreaming the Small-Scale Mining Sector particularly its inclusion in the PH-EITI Reporting Process in Manila	DENR-MGB and mining stakeholders
July 19, 2018	Strategic Planning Workshop at Almont Inland Resort in Butuan City	Regional Line Agencies
July 31 to August 4, 2018	Seminar-Workshop on Standard Implementation of Apprehension for Illegal Mining Operation and the Standard Checklists and Scorecards for Mining Monitoring in Quezon City	DENR-MGB Personnel
July 31 to August 5, 2018	Orientation-Workshop on the New Policies of the Mines and Geosciences Bureau and the 2018 Mid-Year Management Conference in Quezon City	DENR-MGB Personnel
August 28-31, 2018	Seminar on Property and Supply Management System in Butuan City	Government Agencies, Local Government Units and Academic Institutions



DENR Sylvatrop Writeshop on June 19-22, 2018 at Orchid Garden Suites, Malate, Manila



The Mines and Geosciences Bureau conducted the Orientation-Workshop on New MGB Policies and 2018 Mid-Year Management Conference on July 31 to August 3, 2018 at the Hotel Rembrandt in Quezon City.

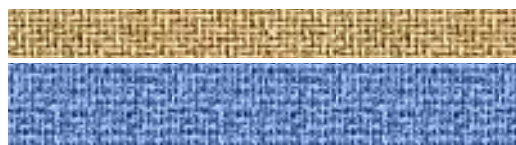


2) Workshops/training conducted/coordinated for LGUs and other stakeholders

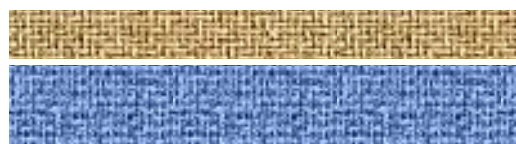
Date of Activity	Title of Activity	Target Audience
March 13, 2018	Orientation re: Implementation of R.A. 7076, otherwise known as the People's Small-Scale Mining Act of 1991 and its reused implementation Rules and Regulations	Local Government Units
May 30 to 31, 2018	SDMP Capacity Enhancement Seminar for the Community Relations Officers in Caraga at the Philippine Gateway Hotel in Surigao City	Community Relations Officers of Caraga mining companies
June 29, 2018	Orientation-Seminar on MGB Functions Devolved to Local Government Units at the MGB RXIII Training Center in Surigao City	Local Government Units



SDMP Capacity Enhancement Seminar for the Community Relations Officers in Caraga on May 30 to 31, 2018 at the Philippine Gateway Hotel in Surigao City



Orientation Workshop on Memorandum Circular No. 2018-02 re: Guidelines for Compliance Monitoring and Rating/ Scorecard of Mining Permits/Contracts on September 4-5, 2018 at Parkway Hotel in Surigao City





3) Workshops/training conducted/coordinated for Small-Scale Miners

Date of Activity	Title of Activity	Target Audience
March 13, 2018	Orientation on Implementation of RA 7076, otherwise known as the People's Small-Scale Mining Act of 1991, and its re-used implementing Rules and Regulations	Surigao del Norte Local Government Units and Mining Stakeholders
June 29, 2018	Orientation-Seminar on MGB Functions Devolved to Local Government Units	Surigao del Norte Local Government Units and Mining Stakeholders

Generate/Publish/Disseminate Information & IEC Materials

1) Articles published/posted

Date published/posted	Title of Article
February 5, 2018	MGB RXIII, CREDO and PSEM hold Press Conference in Surigao City
February 14, 2018	MGB RXIII takes part in 2018 Sylvatrop Writing Workshop
	MGB RXIII conducts IEC Campaign on Results of Vulnerability and Risk Assessment Project and Training-Workshop on Understanding Risk Exposure Maps
March 8, 2018	MGB RXIII carries out Groundwater Resource Mapping and Assessment in Surigao City
March 21, 2018	MGB RXIII, CREDO, CMCRI and CMSHC hold 1st Quarterly Press Conference
April 2, 2018	MGB RXIII celebrates 2018 National Women's Month
April 3, 2018	MGB RXIII conducts Training on the Principles and Applications of Remote Sensing and GIS
April 25, 2018	MGB conducts Training Course on Measurement and Internal Quality Control in the Analytical Laboratory
April 30, 2018	MGB RXIII-Dinagat Satellite Office takes part in Earth Day Coastal Clean-up
May 12, 2018	MGB RXIII conducts Vulnerability and Risk Assessment in Surigao del Sur
May 21, 2018	MGB RXIII carries out Groundwater Resource Mapping and Assessment on Siargao Islands
May 22, 2018	MGB RXIII conducts GAD Forum on RA 7877
June 7, 2018	<i>MGB RXIII chemists rise to the challenges of 33rd Philippine Chemistry Congress</i>
June 13, 2018	<i>MGB RXIII and CREDO capacitate Community Relations Officers of Caraga minerals industry</i>



Date published/posted	Title of Article
July 4, 2018	MGB RXIII, CREDO and PSEM hold Press Conference in Surigao City
July 6, 2018	MGB RXIII takes part in 2018 Sylvatrop Writing Workshop
July 9, 2018	MGB RXIII conducts IEC Campaign on Results of Vulnerability and Risk Assessment Project and Training-Workshop on Understanding Risk Exposure Maps
July 13, 2018	MGB RXIII carries out Groundwater Resource Mapping and Assessment in Surigao City
August 2, 2018	<i>MGB RXIII and CMEMC spearhead 2018 Environment Month Culminating Activities of Caraga minerals industry</i>
August 3, 2018	<i>MGB RXIII Social Development Section carries on with its continuing IEC Campaign on SDMP Manual of Operation</i>
August 28, 2018	<i>MGB RXIII plays a part in Caraga Mining Forum</i>
August 28, 2018	<i>MGB conducts Orientation-Workshop on New MGB Policies and 2018 Mid-Year Management Conference</i>
August 29, 2018	<i>MGB RXIII supports PH-EITI Roadshow</i>
September 20, 2018	<i>MGB RXIII holds Orientation Workshop on Guidelines for Compliance Monitoring and Rating/Scorecard of Mining Permits/Contracts</i>
September 21, 2018	<i>5th Annual Mining Symposium and Exhibits: A testimony to Filipino mining engineers' vital role in socioeconomic progress</i>

2) IEC materials produced

Date published/posted	IEC Material
March 2018	Magna Carta of Women Brochure
March 2018	Caraga Region Small-Scale Mining Updates (PowerPoint Presentation)
March 2018	Assessment on the Effects of Tropical Cyclone "Basyang" in Caraga Region (PowerPoint Presentation)
May 2018	Agusan del Norte Mineral Profile
May 2018	Agusan del Sur Mineral Profile
May 2018	Province of Dinagat Islands Mineral Profile
May 2018	Surigao del Norte Mineral Profile
May 2018	Surigao del Sur Mineral Profile
May 2018	Caraga Region Mineral Profile
June 2018	Environmental Protection Programs and Best Practices of Mining Companies in Caraga (PowerPoint Presentation)



3) IEC materials reproduced/distributed

Date reproduced/distributed	IEC Material
March 2018	Magna Carta of Women Brochure (33)
March 2018	Caraga Region Small-Scale Mining Updates (16)
March 2018	Assessment on the Effects of Tropical Cyclone "Basyang" in Caraga Region (16)
May 2018	Anti-Sexual Harassment Act of 1995 Briefer (41)
June 2018	Environmental Protection Programs and Best Practices of Mining Companies in Caraga (PowerPoint Presentation) (17)

Other Programs/Activities and Projects with regular submissions and with 100% accomplishments are the following, to wit;

1. Statistics Reports submitted to MGB CO
2. Maps/Map Info Database submitted to MGB CO
3. MRGS Reports submitted to MGB CO

National Linkages

Date of Activity	Title of Activity	Target Audience
January 12, 2018	1st Execom Meeting for CY 2017 at the Regional Learning Center of DENR Caraga Regional Office in Butuan City	DENR Caraga and DENR Caraga Line Agencies
January 23-24, 2018	1st Quarter Regional Management Conference in Butuan City	Regional Agencies/Offices
January 23-26, 2018	Regional Budget Forum at the NEDA Caraga Conference Hall in Butuan City	Regional Agencies/Offices and LGUs
February 12-17, 2018	2017 Omnibus Rules on Appointment and Other Human Resource Actions and the 2017 Rules on Administrative Cases in the Civil Service at the Fersal Hotel in Puerto Princesa City, Palawan	Dinagat Islands LGUs
February 19-21, 2018	National Information Convention at the SMX Convention in SM Lanang, Davao City	National Line Agencies, LGUs and Private Sector
February 21-24, 2018	79th PIChe National Convention at the Bellevue Manila in Alabang, Muntinlupa City	Regional Agencies/Offices
March 8, 2018	2018 Women's Summit/Launching of Search for Caraga's Most Gender Responsive LGU at LMX Convention Center in Butuan City	National Line Agencies, LGUs, Academes, and Private Sector



Date of Activity	Title of Activity	Target Audience
May 17-18, 2018	2nd Quarter Regional Cave Committee Meeting for CY 2018 cum Capability Building on Cave Management, Conservation and Protection	RCC regular members namely DENR key regional and field office personnel, concerned Local Government Units, academe and partner agencies
May 18, 2018	National Task Force Mining Challenge Meeting at DENR Caraga Office in Butuan City	DENR Caraga Regional Office and line bureaus, PENROs, CENROs
May 25-26, 2018	2nd Stakeholders' Consultation re: Ongoing Master Planning of Siargao Island at Del Carmen Convention Center in Del Carmen, Surigao del Norte	Government Agencies and Local Government Units
May 30-June 1, 2018	33rd Philippine Chemistry at the Philippine International Convention Center in Roxas Boulevard, Manila	Chemists, professionals, participants, researchers and paper presenters from the chemical industry and the academe as well as policymakers and leaders from government partner institutions
June 4, 2018	DENR Caraga's Kickoff Activity for Environment Month and Philippine Eagle's Week Celebrations in Butuan City	DENR Caraga Regional Office, Ecosystems Research and Development Bureau-Forest and Timber Resources Research Center, Mines and Geosciences Bureau, Environmental Management Bureau, Provincial Environment and Natural Resources Office, City Environment and Natural Resources Office, government agencies, academic institutions, organizations such as the Caraga Mine Environment and Management Council and mining firms
June 14-16, 2018	2018 Mining Engineers' Convention at the Philippine Gateway Hotel in Surigao City	Philippine Society of Mining Engineers, Mining Engineers & Stakeholders from Government Agencies, Minerals Industry, Downstream Industries and Academe
June 26, 2018	2nd Quarter Regional Multisectoral Forest Protection Committee Meeting in Butuan City	DENR Caraga and Line Bureaus
June 25-27, 2018	IP Mindanao Cluster Convergence Summit at the University of Science and Technology of Southern Mindanao in Cagayan de Oro City	Indigenous Peoples, Government Agencies, Local Government Units and Academic Institutions



Date of Activity	Title of Activity	Target Audience
July 23-27, 2018	2018 DENR HR Summit in Iloilo City	DENR and Line Bureaus
July 26, 2018	Caraga Mining Forum at Hotel Tavern in Surigao City (Part of the three-day 22nd Caraga Business Conference)	Business Sector, Government Agencies, Local Government Units and Academic Institutions
August 9, 2018	Peace and Development Zone Forum at Almont Inland Resort in Butuan City	Government Agencies, Local Government Units and Academic Institutions
September 24, 2018	17 th Regional Gender and Development Council Assembly at Hotel Oasis, Butuan City	Government Agencies, Local Government Units and Academic Institutions



33rd Philippine Chemistry on May 30-June 1, 2018 at the Philippine International Convention Center in Roxas Boulevard, Manila



DENR Caraga's Kickoff Activity for Environment Month and Philippine Eagle's Week Celebrations on June 4, 2018 in Butuan City



Challenges for CY 2019

With the seemingly incessant smear campaigns launched against the minerals industry, the MGB personnel who implement the Communication Plan should continue to innovate and come up with enhanced tools in order to make people understand the essence and purpose of mining. In the same vein, most of the media practitioners in Caraga Region apparently lack knowledge of mining programs and issues. Some of the people (media practitioners) who should provide the public with substantial information on mining are the same people who lack the said information.

For CY 2019, the Communication Plan will continue to make use of enhanced tools such as print and broadcast media in various forms such as press releases, radio programs, website, fora and symposia, and press conferences involving the different stakeholders of the minerals industry. The Mines and Geosciences Bureau Regional Office No. XIII will collaborate with the mining stakeholders in educating the public and intensifying awareness advocacies in support of the minerals industry.

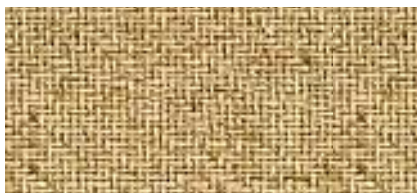
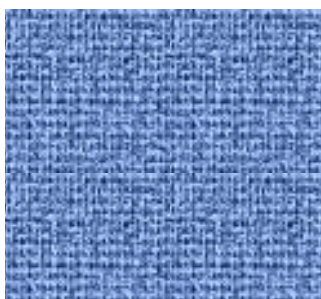


Mineral Reservation Related Assessment

A Geological and Geohazard Assessment was conducted on 503 hectares of the 1,000 hectares area being proposed by the Province of Dinagat Islands as a Government Center which falls within Parcel 2 of the Surigao Mineral Reservation. Said assessment is a necessary step before the said area could be segregated and disestablished from the Surigao Mineral Reservation.



Samples from auger hole
PGC_WIL_O1 in Barangay Wilson,
San Jose, PDI with the total depth
of 0-4.5 m. GPS Location:
N10°02'20.7" E125°35'11.9"



Samples from auger hole
PGC_WIL_O2 in Barangay Wilson,
San Jose, PDI with the total depth
of 0-3.5 m. GPS Location:
N10°02'20.3" E125°35'09.1"



Samples from auger hole PGC_CUA_O4 in Barangay
Cuarinta, San Jose, PDI with the total depth of 0-4.5 m.
GPS Location: N10°00'50.0" E125°36'10.2"



Samples from auger hole PGC_CUA_05 in Barangay Cuarinta, San Jose, PDI with the total depth of 0-4.5 m. GPS Location: N10°00'46.2" E125°36'10.7"



Samples from auger hole PGC_CUA_06 in Barangay Cuarinta, San Jose, PDI with the total depth of 0-4.5 m. GPS Location: N10°00'42.7" E125°36'10.7"



Samples from auger hole PGC_WIL_08 in Barangay Wilson, San Jose, PDI with the total depth of 0-2.5 m. GPS Location: N10°01'52.6" E125°35'34.2"



OPERATION

- **Geological Assessment
for Risk Reduction and
Resiliency Program**



OPERATION

003: ADAPTIVE CAPACITIES OF HUMAN COMMUNITIES AND NATURAL SYSTEMS IMPROVED

PROGRAM 1: GEOLOGICAL RISK REDUCTION AND RESILIENCY PROGRAM

Geological Assessment for Risk Reduction and Resiliency Program (Geoscience Development Services)

Geohazard Assessment - Identification and Mapping of Geohazards for Critical Land Areas

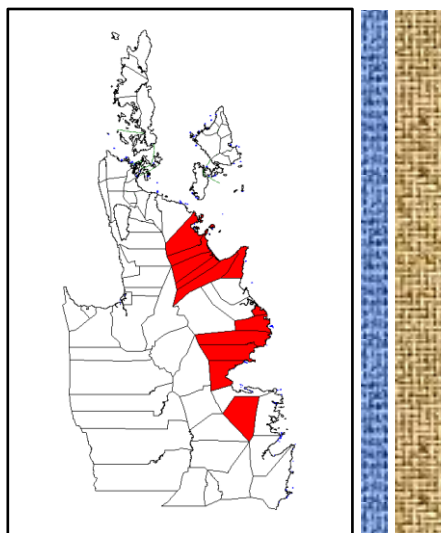
Land Geological Assessment Field Mapping and Survey

Vulnerability & Risk Assessment & Updating

With the completion of the 1:10,000-scale geohazard mapping project, the Mines and Geosciences Bureau was tasked to continue its contribution to the Disaster Risk Reduction Management / Climate Change Adaptation initiatives of the National Government thru a new project, Vulnerability and Risk Assessment (VRA) which started in year 2015. With the accomplished rain-induced susceptibility maps as a key input, VRA primarily aims to generate exposure maps of the population, build-up areas and lifeline infrastructures, specifically road networks to rain-induced flooding and landslides. It also provides an opportunity to update the existing geohazard maps and validate those cities or municipalities in which the 10K geohazard mapping and assessment was undertaken thru outsource and/or thru MOA with mining companies.

For this year, twelve (12) municipalities of the Province of Surigao del Sur were covered by the VRA program. These are:

1. Tagbina
2. Lianga
3. San Agustin
4. Marihatag
5. Cagwait
6. Bayabas
7. Cortes
8. Lanuza
9. Carmen
10. Madrid
11. Cantilan
12. Carrascal





Municipality of Tagbina, Surigao del Sur



Flood height (0.75m) in Purok 1 of Barangay Batunan near the Batunan Elementary School. The Hinatuan River and Candiisan River contributes to the moderate flood susceptibility in the area.



Wood bridge constructed over Linaw River (Subang Linaw) located at Purok 7 of Barangay Magsaysay. The bridge was flooded during typhoon Sendong and Pablo. Local residents evacuate on the nearby elevated area during the flood event.

Municipality of Lianga, Surigao del Sur



Purok 1-4 houses in Brgy. Liamtico vulnerable to tidal flooding due to proximity in shoreline
Geographic Coordinate: 8° 33' 57.1" N 126° 6' 44.4"E



Agac-Ac River in Purok 4 Brgy. Poblacion with no levee or dike to protect the nearby houses and road.



Municipality of San Agustin, Surigao del Sur



Drainage canal in Brgy. Hornasan near Sto. Niño National High School is not sufficient and may cause localized flooding in the area.



Overbank flooding occurs when the river channel overflow during heavy rains affecting the residents in Purok 3 Brgy. Janipaan



Brgy. Official in Buhisan showing the flood water level in Purok 5 during heavy rains. Geographic Coordinate: 8° 45' 3.81" N 126° 12' 24.96"E

Municipality of Marihatag, Surigao del Sur



Shallow and damaged drainage canal adjacent to the gymnasium in Purok 3 of Barangay Amontay is noted and geo-tagged. Water overflows during moderate to heavy rainfall. Drainage systems or lack of it are essential factors which affect the flood situation of the area especially during typhoons. Important conditions, such as this, are noted for the technical report and updating of geohazard maps.



Active scouring (on red dashed lines) of the outer meander of the river in Purok Nangka of Barangay Bayan is noticeable as seen on the upper left side of this photo. The behavior of rivers like flow direction and current are correlated to communities and existing infrastructures adjacent to the area with regards to flood susceptibility.



Municipality of Cagwait, Surigao del Sur



Landslide and flood prone areas are noted in Barangay Unidad. Photo A shows recent manifestation of such event along the concrete road of Purok Mondalo. Debris fell from an approximately 3-meter high area (red dashed lines) but did not reach the road. There were no mitigating measures seen during the conduct of assessment. Unidad Elementary School (Photo B) in Purok Brotherhood sits on a foot slope. Trees such as coconut dominate the area which helps hold and stabilize the slope's angle of repose. A resident of Purok Mondalo showing the flood height (red dashed lines) experienced in the area which is about half a meter (Photo C). Lastly, Photo D shows slightly elevated houses due to stagnant flooded area in Purok Riverside.

Municipality of Bayabas, Surigao del Sur



National highway going to Tandag in Barangay Cagbaoto which is always flooded during intense rainfall. Highest flood height recorded was 1 meter according to anecdotal accounts.



Tabing-Dagat Elementary School situated at Purok 1 of Barangay La Paz. The school previously serves as an evacuation center but the extent of the storm surge can reach the building. Currently, the school is no longer used as an evacuation center.



Municipality of Cortes, Surigao del Sur



View of River Scouring at Purok 8 of Barangay Mabahin due to typhoon Basayang affecting the road on the way to Purok 4 of the Barangay. Geographic location 9° 11' 11.15" North latitude 126° 10' 7.36" East longitude.



MDRRMC personnel pointing out the highest flood height approximately 1.5 meters rated as high flooding experience by the residence of Purok 7 Barangay Tigao. Geographic location 9° 13' 6.1" North latitude 126° 10' 5.45" East longitude.

Municipality of Lanuza, Surigao del Sur



Office hall of Barangay Bunga located at Purok 2 experienced moderate flooding approximately 1.0 meters height. Geographic location 9° 15' 18.54" North latitude 126° 0' 32.29" East longitude.



Purok 2 Barangay Agsam experienced moderate to high flooding approximately 1.20 meters. Geographic location 9° 13' 0.77" North latitude 126° 2' 33.04" East longitude.



Municipality of Carmen, Surigao del Sur



Photo showing the flood height located in Purok 1, Brgy. San Vicente.



This photo shows the condition of the old bridge located in Brgy. Hinapuyan which connects Brgy. Hinapuyan going to Carmen proper.



Photo showing the flood height located in Purok Duranta, Brgy. Poblacion in which indicates as low flooding. GPS Coordinates: N9.24035 E126.02542

Municipality of Madrid, Surigao del Sur



Photo showing the flood height in the premises of Madrid National High School located in Purok 2 which indicates low flooding susceptibility. GPS Coordinates: N9.25986 E125.96628



Photo showing the flood height (low flooding) of Purok 5, Brgy. Quirino experienced. GPS Coordinates: N9.25918 E125.95891



According to interview, they experienced moderate to flooding during TS Basyang that happened last February, 2018. GPS Coordinates: N9.27352 E125.95881



Municipality of Cantilan, Surigao del Sur



Residents in Purok 6 pointing the highest flood height they experienced during Typhoon Basyang.



Landslide was observed along the road cut of Brgy. Consuelo to Brgy. Magasang route.

Municipality of Carrascal, Surigao del Sur



Photo showing the high flood height experienced in Purok 6, Barangay Adlay, Carrascal, Surigao del Sur. GPS Coordinates: N9° 24' 33.7" E125° 53' 52.3".



A landslide observed near a building in Camp David Primary School located in Purok 8- Sitio Ban-ban, Barangay Panikian, Carrascal, Surigao del Sur. GPS Coordinates: N9° 19' 45.2" E125° 54' 50.9".



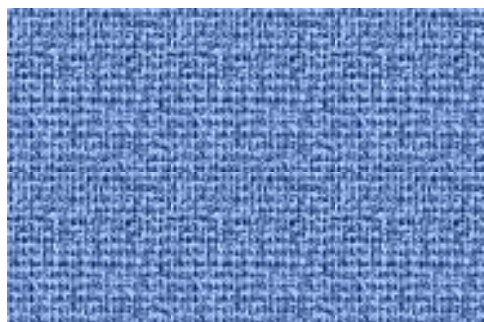
Ground Subsidence Assessment

Ground (karst) subsidence assessment was conducted in the Municipality of Hinatuan, Province of Surigao del Sur which is predominantly underlain by limestone lithology. Presence of sinkholes were mapped and, in selected areas where community or built-up area are present, Ground Penetrating Radar (GPR) survey were conducted to determine presence of underground cavities and subterranean openings that has a potential to collapse.

Talisay



A) Cover solution observed at Enchanted River about 74.40 meters. **B)** Cover subsidence adjacent to Enchanted along road going to Barangay Cambatong. **C)** Cover collapsed noted along road going to Enchanted River approximately 1.30 meters in diameter. **D)** Photo of cover subsidence along the road going to Barangay Cambatong. **E)** A cover subsidence type of sinkhole located at lagoon area of enchanted River. It is approximately 0.70 meters in diameter and 0.3 meters depth. **F)** View of cover collapsed type of sinkhole located at the second cottage from the restroom of enchanted river.



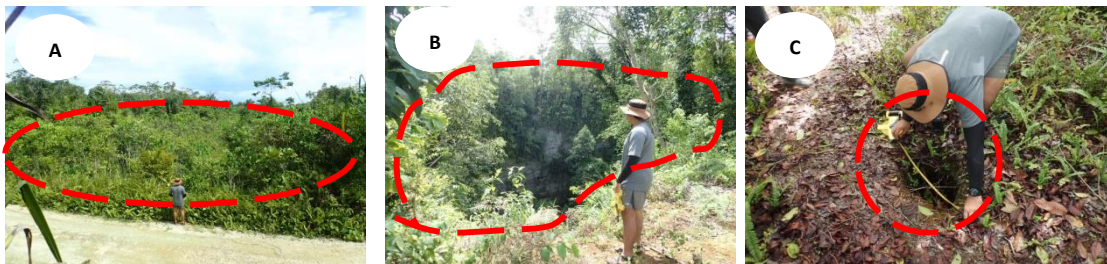


Cambatong



A) Cover subsidence going to Barangays Portlamon, Campa, Harip and Baculin. **B)** Cover subsidence showing distinct vegetation along road to Barangay Cambatong with road outcrop. **C)** A cover subsidence type of sinkhole situated at Sitio Dreamland-B behind residential house and Sitio Hall.

Baculin

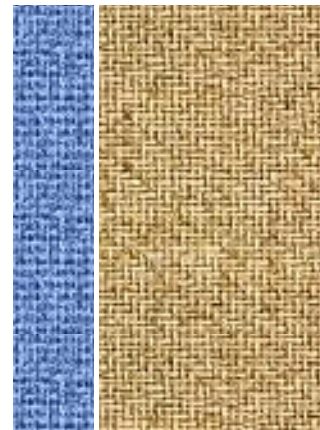


A) View of Cover subsidence type of sinkhole located along the road on the way ton Barangay Baculin close to intersection. **B)** Massive cover solution a type of sinkhole located at Purok 1 Sitio Airport. Bottom of the sinkhole is where the water source of Sitio Airport is located. **C)** A cover solution near/adjacent to the massive sinkhole (B).

Harip



Cover subsidence observed along the road going to Barangay Harip.





Vulnerability and Risk Assessment (VRA)

P/A/P	ANNUAL TARGET	ANNUAL ACCOM	% ACCOM
LGU Assessed	12	12	100%
Reports & Maps Produced	12	12	100%

Updating of 1:10,000 Scale Geohazard maps as a Result of Changes due to Natural Calamities

P/A/P	ANNUAL TARGET	ANNUAL ACCOM	% ACCOM
LGU Assessed	1	1	100%
Reports & Maps Produced	1	1	100%

Detailed Sub-surface Assessment

P/A/P	ANNUAL TARGET	ANNUAL ACCOM	% ACCOM
LGU Assessed	1	1	100%
Reports & Maps Produced	1	1	100%

Geohazard IEC Materials Dissemination

Geohazard IEC Materials Dissemination Refers to the number of geohazard maps (flood/landslide exposure maps) disseminated by the Office to LGUs.

P/A/P	ANNUAL TARGET	ANNUAL ACCOM	% ACCOM
Maps disseminated (no.)	378	510	135%
Posters disseminated (no.)	1000	1062	106%
VCDs disseminated (no.)	60	100	167%
Pamphlets/Fliers disseminated (no.)	500	862	172%
Signages/Billboards installed (no.)	2	2	100%
Tri-Media (no.)	4	4	100%



Capacity Building on Geosciences

As part of its continuing advocacy to capacitate technical personnel to further enhance their knowledge and skill in the performance of their tasks and/or promote their professional growth thru participation in seminars / conferences in their respective discipline, the following training programs were attended by staff of the division:

A. Analytical Laboratory Personnel

Title of Training Program	Organizer / Sponsor	Date of Program	Venue	Name of Attendees
1. Training Course on Method Development and Validation of Analytical Procedures for Analysis of Geological and Environmental Samples	MGB Central Office, LGSD Division	September 18-21, 2018	Selah Garden Suite Hotel (Selah Pods) Pasay City, Metro Manila	Cecilia L. Consuegra Jusrit Elvie B. Seguis
2. 33 rd Philippine Chemistry Congress	Integrated Chemist of the Philippines	May 30, 2018- June 1, 2018	Philippine International Convention Center, Manila	Cecilia L. Consuegra
3. Training Course on Internal Quality Control in the Analytical Laboratory and Estimation of Uncertainty of Analytical Measurements	MGB Central Office, LGSD Division	April 10-14, 2018	Greenhills Elan Hotel, Greenhills	Cecilia L. Consuegra Jusrit Elvie B. Seguis
4. ISO/IEC 17025:2017 Internal Auditing	Neville Clarke, Philippines	March 20-21, 2018	MGB ROXIII Analytical Laboratory	Cecilia L. Consuegra Jusrit Elvie B. Seguis, Archielyn C. Nimez, Samuel A. Jardenil and Irene B. Siclon
5. ISO/IEC 17025:2017 Internal Auditing	Neville Clarke, Philippines	April 10-14, 2018	MGB ROXIII Analytical Laboratory	Cecilia L. Consuegra Jusrit Elvie B. Seguis, Archielyn C. Nimez, Samuel A. Jardenil and Irene B. Siclon
6. 79 th PICHe Annual Convention	PICHe National	Feb. 21-22, 2018	Bellevue Manila, Alabang city, Muntinlupa, Metro Manila	Jusrit Elvie B. Seguis



B. Geology Personnel - Domestic

Title of Training Program	Organizer / Sponsor	Date of Program	Venue	Name of Attendees
1. Geocon 2018	Geological Society of the Philippines	December 11-12, 2018	Manila Hotel, City of Manila	Romeo M. Dalodado, Melvin A. Mantilla, Elaine L. Galido, Liza T. Pacete, Beda Louie O. Cagampang, Ralph Angelo B. Plaza, Kate A. Boquilon, Claysterkim J. Paloma, Noel G. Lumague, Vernie A. Nonato, Mye Karla C. Semblante
2. Drone Operator Training Course	MGB Central Office / Hobby Dynamics DSI	November 5-7, 2018	MGB Central Office, Quezon City	Beda Louie O. Cagampang
3. Training on Migrating from Arc Map to ArcGIS Pro	MGB Central Office, LGIMS	Sept. 17-18, 2018	MGB 13 Training Center	Romeo M. Dalodado Noel G. Lumague Elaine L. Galido Melvin A. Mantilla Liza T. Pacete Kate A. Boquilon Beda Louie O. Cagampang Claysterkim J. Paloma Ralph Angelo Plaza Vernie Nonato Mye Karla Semblante
4. Seminar – Workshop on Standardization of methodologies and in the conduct of nationwide coastline shifts and assorted hazards as affected by sea level change and geological factors	MGB Central Office, Marine Geological Survey Division	August 28, 2018 – September 1, 2018	Selah Pods Hotel, Pasay City	Kate A. Boquilon Noel G. Lumague, Janeth S. Aparri
5. 2018 Sylvatrop Writing workshop	DENR-ERDB & Sylvatrop Editorial Board	June 19-22, 2018	Orchid Garden Suites, Malate, Manila	Kate A. Boquilon



Title of Training Program	Organizer / Sponsor	Date of Program	Venue	Name of Attendees
6. The Landslide Mapping Project – Natural Hazard Mapping using Unmanned Aerial Vehicle (Drone)	Bolko Janseen	May 18, 2018	MGB 13 Training Center	Romeo M. Dalodado, Melvin A. Mantilla, Elaine L. Galido, Liza T. Pacete, Beda Louie O. Cagampang, Ralph Angelo B. Plaza, Kate A. Boquilon, Claysterkim J. Paloma, Noel G. Lumague, Rubenar Cagubcob Janeth S. Aparri Vernie A. Nonato, Mye Karla C. Semblante
7. Annual MGB Geoscience Workshop	MGB Central Office (LGSD) and MGB Region V	February 1-7, 2018	Legaspi City, Albay	R.M. Dalodado, Melvin A. Mantilla, Elaine L. Galido, Liza T. Pacete, Beda Louie O. Cagampang, Ralph Angelo B. Plaza

C. Geology Personnel – Abroad

Title of Training Program	Organizer / Sponsor	Date of Program	Venue	Name of Attendees
1. 3 rd BGR-CCOP International Training Course on Risk Sensitive Spatial Planning for CCOP Member countries	Federal Ministry for Economic Cooperation and Development Germany and CCOP	Nov. 12-22, 2018	Hanoi, Vietnam	Kate A. Boquilon

Capacity Building on Geosciences

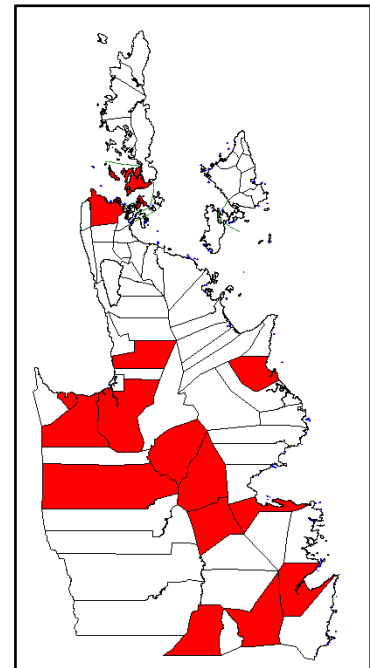
P/A/P	ANNUAL TARGET	ANNUAL ACCOM	% ACCOM
Trainings/Seminars conducted for/attended by MGB Technical Personnel (no.)	8	14	175%



Conduct IEC to LGUs

This year commenced the formal IEC campaign on the Vulnerability and Risk Assessment (VRA) that was duly accomplished by the Office in year 2015 and 2016, to wit, covering the following LGU's:

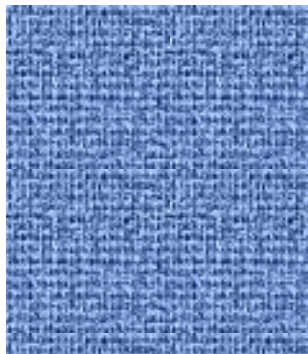
1. Butuan City, Agusan del Norte
2. Buenavista, Agusan del Norte
3. Esperanza, Agusan del Sur
4. San Francisco, Agusan del Sur
5. Prosperidad, Agusan del Sur
6. Barobo, Surigao del Sur
7. Bislig City, Surigao del Sur
8. Cabadbaran City, Agusan del Norte
9. Nasipit, Agusan del Norte
10. Tandag City, Surigao del Sur
11. Surigao City, Surigao del Norte
12. Veruela, Agusan del Sur
13. Bayugan City, Agusan del Sur
14. Trento, Agusan del Sur



Photos showing the resource speakers during the IEC on VRA, Miss Elaine L. Galido, Supervising Geologist (Upper photos) and Miss Rubenar L. Cagubcob, (Lower photos) Geologist II at the LGU of Barobo, Surigao del Sur



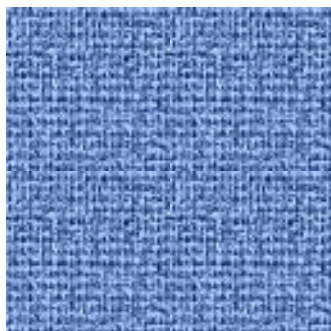
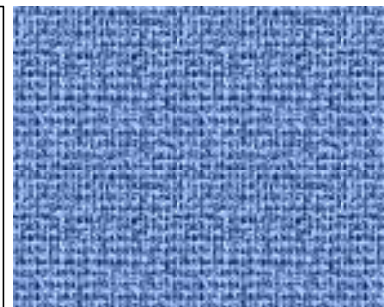
Photos showing the resource speakers during the IEC on Risk Exposure Assessment, Miss Elaine L. Galido, Supervising Geologist (Left photo) and Miss Rubenar L. Cagubcob, (Right photo) Geologist II at the LGU of Bislig City



Mr. Felix Balansag, Buenavista Municipal Administrator giving the welcome remarks during IEC on Risk Exposure Assessment



The Municipal Administrator of San Francisco LGU at the center of the conference giving the welcome remarks during IEC on Risk Exposure Assessment



The Municipal Administrator of San Francisco LGU at the center of the conference giving the welcome remarks during IEC on Risk Exposure Assessment





Conduct IEC to LGUs

P/A/P	ANNUAL TARGET	ANNUAL ACCOM	% ACCOM
Seminars/Workshops for LGUs (no.)	14	14	100%
Lectures presented (no.)	5	6	120%
Advisories issued (no.)	5	5	100%

Geohazard Operation Center

The Geohazard Operation Center was activated during the passage of Tropical Cyclone “Basyang” in central Caraga Region on February 13, 2017. Advisories were issued to the LGUs and mining companies operating in Caraga Region prior to the expected landfall of the storm.

After the event, teams were organized to assess the extent of the damage from this event that caused high magnitude floods and several landslides in several municipalities/cities of Surigao del Norte, Surigao del Sur and Agusan del Norte provinces. Spot reports, incident reports and geohazard assessment reports were generated and provided to the concerned LGU’s and stakeholders affected by the flooding and landslides.

Geohazard Operation Center

P/A/P	ANNUAL TARGET	ANNUAL ACCOM	% ACCOM
Advisories re-issued (no.)	36	62	172%
Incident/Flash Reports prepared (no.)		1	
Pre Disaster and Risk Assessment Meetings attended (no.)		1	

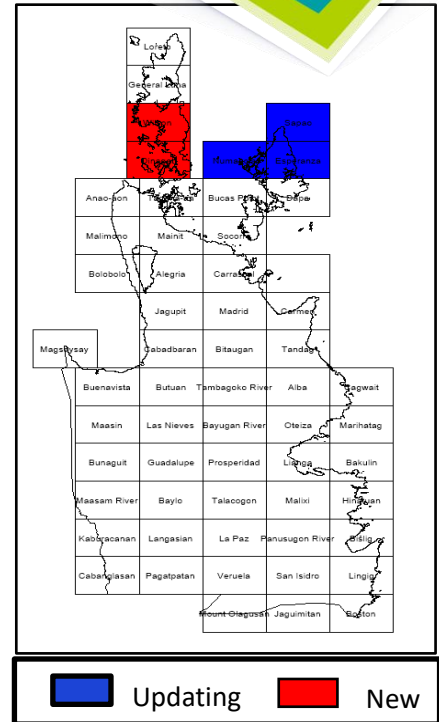


Geologic Mapping

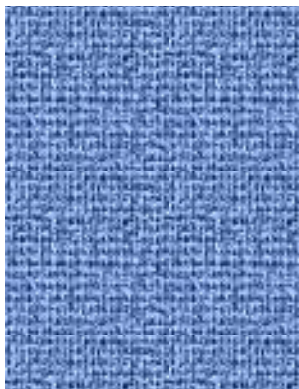
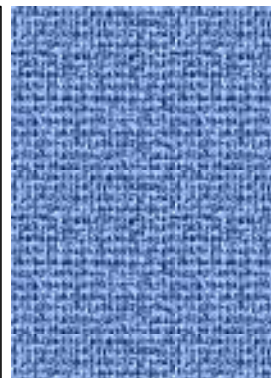
For this year, three (3) geologic quadrangle maps in northern Siargao Islands namely Sapao, Numancia and Esperanza quadrangles were updated while geologic quadrangle mapping was conducted in Wilson and Dinagat Quadrangles covering southern Dinagat Islands and Nonoc group of islands of Surigao City to generate two (2) new quadrangle maps.

Finalization of the quadrangle maps will be undertaken once the petrographic and paleontologic analysis of selected samples submitted to Petrolab of MGB Central Office becomes available to supplement field megascopic rock description with microscopic mineral and rock identification and firmly establish the stratigraphic sequence of the different rock formations.

Posted below are some pictures during the conduct of geologic mapping in San Isidro & Pilar, Surigao del Norte.



A massive limestone outcrop observed along the quarry site located at Barangay Tigasao, San Isidro, Surigao del Norte. The limestone is white, fossiliferous (mostly bivalves and corals) with iron oxide stains in exposed surface and fractures. GPS location: 9°55'18.7"N 126°06'08.6"E.



Outcrop of white bedded limestone located at Barangay Salvacion, Pilar, Surigao del Norte.





Geologic Mapping

P/A/P	ANNUAL TARGET	ANNUAL ACCOM	% ACCOM
Geological Mapping and Surveys - Quadrangle Mapping			
Quadrangles assessed/surveyed (no.)	5	5	100%
Geologic Reports with Maps prepared (no.)	5	5	100%
Mineral Resource Inventory			
Provincial Resource Maps updated and submitted to MGBCO (no.)	1	1	100%
Provision of Laboratory Services			
Samples analyzed (no.)	700	772	110%
Determinations made (no.)	15000	18970	126%

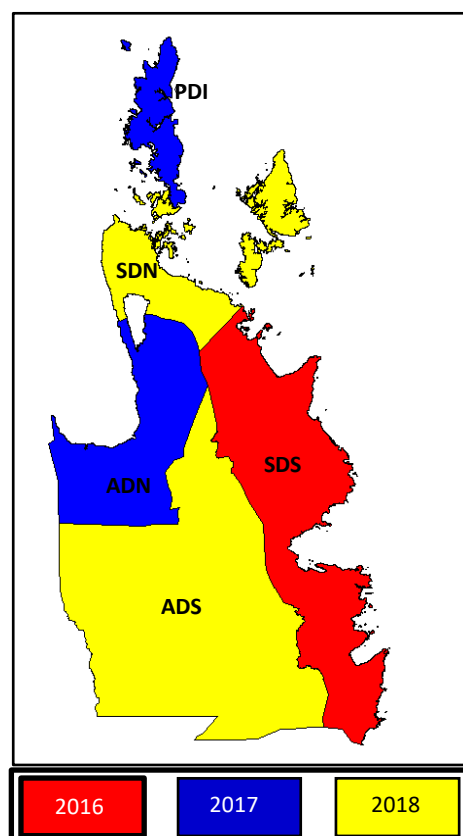
Groundwater Resource Assessment

Groundwater Availability Assessment was conducted in two (2) provinces of Caraga Region for CY 2018 namely Surigao del Norte during the 1st semester and Agusan del Sur during the 2nd semester.

Domestic water source (surface waters, springs and water wells) were located and characterized and water quality test were undertaken per municipality of the covered provinces. Water quality parameters measured are pH, temperature, oxidation-reduction potential (ORP), conductivity, salinity and Total Dissolve Solids (TDS).

For the province of Surigao del Norte, a total of 368 water sources were mapped and 365 point source sampled.

Todate, all of the five (5) provinces comprising Caraga Region were already covered by the 1:250,000-scale Groundwater Availability Mapping and Assessment, a program which started in CY 2016.





Groundwater Mapping and Assessment in Agusan del Sur

Esperanza, Agusan del Sur



Spring source in P-1, Brgy. Duangan, Esperanza that supplies potable water in the barangay proper in Level II category. Geographic coordinates 8° 36' 48.2" N / 125° 43' 26.2" E.



Individual jetmatic pump used to get potable drinking water located in Purok 6, Brgy. Dakutan. GPS Coordinates: 8° 38' 53.44" N, 125° 40' 39.50" E

San Francisco, Agusan del Sur



Photo shows a concrete box installed to the surface water source (creek) of Barangay San Isidro. It supplies 5 Puroks (1, 2, 3, 4, and 5) of the Barangay and is mainly used for drinking. The water never dries out but is turbid during heavy rains and rainy season. GPS coordinates: 8° 28' 45.0717" N, 125° 58' 30.2978" E.



A spring seeping along a bank of a creek in Mt. Magdiwata. The water has not been tapped but is planned by a barangay to tap for additional water supply. Geographic coordinates are 8° 28' 04.1" N/ 125° 58' 58.3" E



Lapaz, Agusan del Sur



A spring resource in presently supplies the barangay proper of Villapaz with water for drinking and domestic uses. It is enclosed to confine the water from the source. This has been in use longer than the residents could remember. It is located in Purok 3 adjacent to a rice field. The only access to this is through manual procurement of water from the source itself.



Photo shows the location and situation of the water source supplying Barangay Kasapa II excluding its sitios. A SALINTUBIG project in 2016 provided the residents the means to access from the source to the barangay proper with four (4) tap stands. The water is used for drinking and domestic purposes. However, there are days when water could not flow because of the blockage of sediments in the source so maintenance is needed from time to time.

Bunawan, Agusan del Sur



Photo A and B show the Water Supply and Sanitation (WATSAN) Project which is from a spring source located in Purok 8 of Barangay San Teodoro. The project was handed to Bunawan Water District in 2016. It supplies the 200 households of the Barangay and is used for drinking and other domestic purposes. GPS coordinates: 8° 11' 40.3474" N, 126° 00' 27.1757" E (spring-A) and 8° 11' 27.1343" N, 125° 59' 51.1900" E (reservoir-B).





Veruela, Agusan del Sur



Barangay La Fortuna is one of the barangays of Veruela which is being serviced by the water district. However, a shallow well which has been used for five (5) decades is still being used for drinking by some residents. The well is about three (3) RCP culvert deep which is relatively open. Geographic coordinates N8° 01' 23.4"/ E125° 54' 32.8"



Level II deep well supplying drinking water to Puroks 3, 4, and 5 in Barangay Limot. The well is approximately 120 feet deep and is located at a lower elevation than the barangay, hence the use of submersible pumping to extract the groundwater. It is also located along a gully which is a natural drainage for surface runoff during rainy days. Geographic coordinates N7° 57' 48.2"/ E125° 53' 16.3"

Sibagat, Agusan del Sur



The above photo is a spring source enclosed in an intake box situated in Purok 9 of Barangay Mahayahay. It is a SALINTUBIG Project which supplies only three Puroks (3, 4, and 5) out of 11 Puroks of the Barangay. It is currently a level 2 source which has a sufficient water supply even during summer season. GPS coordinates: 8° 51' 16.2498" N, 125° 41' 35.9975" E.



A spring source enclosed in two intake boxes is what supplies barangays San Vicente and Ilihan. This is located in Purok 4, Barangay Del Carmen, Bayugan City and was implemented by the San Vicente-Ilihan Water System Association (SIWASA) in 2010.

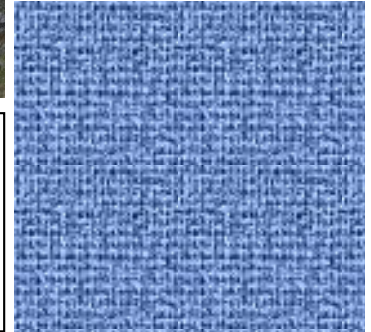


San Luis, Agusan del Sur



A ram pump design built in Polipapa creek which is utilized by Barangay Policarpo in Purok 3. The pump does not harness electricity for it to operate.

Water source of Barangay Binikalan tapped from Ablayanon creek in Purok 3. The creek is ephemeral where long drought causes it to cease to exist.



Prosperidad, Agusan del Sur



A shallow well (20ft) in Purok 2 of Barangay Napo which supplies Purok 2 and portions of nearby puroks. The well has no proper designed casing underneath which may cause the well's subsurface to collapse. Months of May to June were also noted to have less water to nil.



An open dug well situated in Purok 7 of Barangay La Union. The well was constructed via 'bayanihan' by the local residents in the barangay due to insufficiency of funds. It was constructed approximately 30 years ago and supplies Purok 6 and Purok 7.



Bayugan City, Agusan del Sur

Photo shows the pumping station 6 of Bayugan Water District, this station is located at Purok 4 of Barangay Bucac, Bayugan City. This deepwell has a depth of 96m, and it started to operate on January 2016. It is one of the sources that supply the Bayugan City proper.



Loreto, Agusan del Sur



Spring source located at Purok 1, Brgy. San Isidro which is extracted through a pressurized pump. Most residents of this barangay utilized this for domestic use.



A 60 ft.-deep shallow well in Purok 3, Brgy. San Vicente which used as drinking water source by some residents of this barangay according to a barangay official.

Rosario, Agusan del Sur



Spring sources in Purok 6 (right photo) and Purok 7, Brgy. Bayugan 3 (left photo) which is joined into one reservoir, a barangay project aided by Philsaga Mining Corp. as part of their SDMP (Social Development and Management Program). Both the sources are in level III water distribution.



Trento, Agusan del Sur



Spring source in Purok 1, Brgy. Basa which is a Salintubig Project. This is used as drinking water source of most residents in this barangay and the municipal water association of Trento has a plan to also use this as municipal-wide water source.



Spring source located in Purok 1, Brgy. Pangyan. It is a project by the Province of Agusan del Sur and was constructed in 2014.

Sta. Josefa, Agusan del Sur



Concrete Box Captage in spring water source of Purok 10 Brgy. Patrocinio that uses rope and bucket. It is prone to contamination when intake box is not covered properly Geographic Coordinate: 7° 58' 7.6" N 126° 2' 53.34"E



Closed Concrete Box Captage Type of the spring water source in Purok 9, Brgy. Sayon. Geographic Coordinate: 7° 58' 22.5" N 125° 58' 5.7"E



Talacogon, Agusal del Sur



A shallow well (jetmatic type) with well depth of 30 ft. located at Purok 7, Barangay Marbon. It was constructed in 2013 and according to residents interviewed, they never experienced turbidity even during heavy rain and the water source is sufficient even during dry season.
GPS location: N8°21'44.5", E125°47'20.1"



Barangay Zillovia is composed of 14 puroks and each purok has at least 2-3 deep wells excluding the two deep wells (A & B) located in Purok 1 that are currently managed by the LGU that supplies 9 Barangays. The two water sources are used alternately for level 3 distributions. GPS location: N8°26'08.1" E125°44'30.4" (Well 1, Photo A); N8°26'23.8" E125°44'37.9" (Well 2, Photo B)

Groundwater Resource Assessment

P/A/P	ANNUAL TARGET	ANNUAL ACCOM	% ACCOM
LGU Assessed (no.)			
Province	2	2	100%
Groundwater Resource Assessment Report	2	2	100%



Miscellaneous Geological Services

Geohazard Identification Survey

As one of the mandatory requirement for securing an Environmental Clearance Certificate for housing projects and, optionally, other land development projects as deemed applicable by the Environmental Management Bureau (EMB), Geohazard Identification Survey (GIS) were conducted on twenty one (21) proposed subdivision, housing, and resettlement/relocation sites as requested by private developers, urban poor homeowner's associations and LGUs.

Solid Waste Disposal Site Suitability Assessment

As part of its technical support to the Environmental Management Bureau in evaluating the geological site suitability of proposed solid waste disposal sites of LGUs prior to issuance of Notice to Proceed (NTP), six (6) proposed sanitary landfill (SLF) / ecological solid waste management park (Eco-SWM Park) projects were assessed by the Office namely:

Name of Project	Proponent	Location
Sanitary Landfill Facility	LGU of Loreto, Province of Dinagat Islands	Purok Lauban, Brgy. Sta. Cruz, Loreto, PDI
Sanitary Landfill Facility	LGU of San Francisco, Province of Agusan del Sur thru the San Francisco Water District	Brgy. Bitan-agan, San Francisco, ADS
Eco- Solid Waste Management Park	LGU of Libjo, Province of Dinagat Islands thru Libjo Mining Corporation	Sitio Balite, Brgy. San Antonio, Libjo, PDI
Eco- Solid Waste Management Park	LGU of Santa Monica, Province of Surigao del Norte	Purok 7, Brgy. Mabuhay, Santa Monica, SDN
Sanitary Landfill Facility Cluster 1	LGU of the Province of Dinagat Islands	Purok 6, Brgy. San Jose, Libjo, PDI
Sanitary Landfill Facility Cluster 2	LGU of the Province of Dinagat Islands	Purok 3, Brgy. Wadas, Dinagat, PDI



Geohazard Certifications

A total of one hundred sixteen (116) geohazard certifications were issued upon the request of Local Government Units, National Line Agencies and schools for their proposed projects like construction of Farm to Market Road, Office / school buildings and eco-tourism sites. Geohazard certifications for proposed relocation/resettlement sites were also catered for budgetary purposes only since areas greater than one (1) hectare or if it has no Certificate of Non-Coverage for ECC from Environmental Management Bureau is still subject for Geohazard Identification Survey.

Analytical Laboratory Section

The Analytical Laboratory (ANALAB) Section of MGB RXIII has provided laboratory services on rocks, ores, minerals and soils to determine the mineral content on gold, nickel, iron, chromite, manganese, among others. In addition, water samples submitted were tested for total suspended solids (TSS) and pH. Furthermore, most of the water samples received in the laboratory were submitted by the Multipartite Monitoring Teams of Caraga mining companies as well as from students for their research works.

MGB Director WILFREDO G. MONCANO has visited Mines and Geosciences Bureau, Regional Office No. XIII in Surigao City sometime in March 2018. He instructed the laboratory personnel to prepare and submit a project proposal to upgrade and modernize facilities in MGB RXIII laboratory. (Please see attached copy of the Project Proposal)

Two (2) laboratory personnel, namely: **Engr. JUSRIT ELVIE B. SEGUIS** (Chemist III) and **Ms. ARCHIELYN C. NIMEZ** (Laboratory Technician II) recently passed the Licensure Examination for Chemical Technicians given by the Professional Regulation Commission last October 9, 2018 in Cebu City.

This year, the ANALAB Section has set an annual target of 15,000 on the number of determinations with 700 samples. From January to December 2018, it has accomplished a total number of 18,970 determinations and analyzed 772 samples which are equivalent to 126.47% and 110.29% of the annual target, respectively.



Revenues collected on laboratory fees amounted to Php 117,240.00 and official samples evaluated amounted to Php 7,440.00.

MGB RXIII fieldmen collected samples during stockpile validation from AAM-Phil Natural Resource Exploration and Development Corporation and these were submitted for % Ni and % Fe.

Water samples taken during the conduct of the Geological and Hydrogeological Assessment of the proposed Minahang Bayan of the Nagkahiusang Gagmay'g Minero (NAGAMI) in Barangay Mat-I, Surigao City were submitted in the ANALAB for pH determination.

An Investigation by PENRO, Dinagat in coordination with MGB RXIII Dinagat Satellite Office on the alleged water discoloration in Barangay Panamaon, Municipality of Loreto, Surigao del Norte involving AAM-Phil Natural Resource Exploration and Development Corporation, water samples were collected and submitted in MGB RXIII ANALAB for TSS analysis.

Moreover, the ANALAB Section joined the Geosciences Division Survey Team in the conduct of the Groundwater Resource Mapping and Assessment in the Municipality of Socorro, Surigao del Norte and Municipality of Talacogon, Agusan del Sur. The mapping activity included an inventory of the existing groundwater resources (e.g. springs, wells) of each barangay within the municipality, identification of the lithologic unit and the overall geomorphic characteristic of the groundwater locale, and in situ determination of the basic water chemistry.

MGB, RXIII is **ISO 9001:2015** (Quality Management System) Certified by NQA in which the Analytical Laboratory processes have been included and evaluated. With the guidance and assistance of Neville Clark Consultancy on MGB RXIII ANALAB **Application for ISO 17025:2017 Accreditation**, these are some of the attained activities:

- Awareness Training on ISO 17025:2017
- Conducted Gap Analysis (Preliminary Systems Appraisal)
- Seminar on the Guide to Measurement of Uncertainty
- Internal Audit Training
- Purchased Certified Reference Materials on Nickel
- Participated in the SGS Laboratory Quality Services International Proficiency Testing for Nickel and Iron - Round 1 to Round 4
- Conducted Management Review
- Preventive Maintenance of AA 7000 by Shimadzu, Manila



- Calibration of analytical balances, glasswares (volumetric flasks, graduated cylinders, pipettes, burettes, beakers) by DOST, Region 13
- Purchased thermohygrometers, digital thermometers, etc.
- Purchased D2 lamp, Ni hollow cathode lamp, Fe hollow cathode lamp, copper hollow cathode lamp, and other AAS accessories

The Analytical Laboratory personnel attended various training-workshops, seminars, and convention/congress, to wit:

DATE	ATTENDESS	TITLE
February 21-24, 2018	Jusrit Elvie B. Seguis	79 th National Philippine Institute of Chemical Engineers convention, held at Bellevue Manila, Alabang City Muntinlupa, Metro Manila
April 10-14, 2018	Cecilia L. Consuegra & Jusrit Elvie B. Seguis	Training Course on Internal Quality Control in the Analytical Laboratory and Estimation of Uncertainty of Analytical Measurements held at Greenhills Elan Hotel, San Juan, Metro Manila
May 30- June 1, 2018	Cecilia L. Consuegra	33 rd Philippine Chemistry Congress held at the Philippine International Convention Center, Manila
September 18-21, 2018	Cecilia L. Consuegra & Jusrit Elvie B. Seguis	Training Course on Method Development and Validation of Analytical Procedures for the Analysis of Geological and Environmental Samples held at Selah Garden Hotel, Pasay City

Concerns :

MGB RXIII Laboratory has been chosen as one of the MGB regional laboratories to be accredited for ISO/IEC 17025:2017 International Standards for Laboratory Testing. Compliance to the requirements of ISO/IEC 17025:2017 is still ongoing.



The ANALAB has already been inspected by the Board of Chemistry, Professional Regulation Commission, Manila relative to its Application for the Permit to Operate Chemical Laboratories in compliance with the Philippine Chemistry Law of 2015. Corrective actions are still being undertaken as per recommendations based on the Inspection of Chemical Establishment Report of the Professional Regulatory Board of Chemistry, PRC, Manila in order to secure Permit to Operate Chemical Laboratories.

The Application for the Permit to Purchase Chemicals still has to be processed with the Philippine National Police (PNP) and the Philippine Drug Enforcement Agency (PDEA). Until now, the fumehood scrubber in the laboratory is still unserviceable / under repair by the supplier (Exclusive Traders). This undoubtedly affects the realization of planned targets for CY 2018. Correspondingly, lesser revenues have been collected.

With the unrepaired fumehood scrubber, nickel laterite samples from umpired shipments submitted to the laboratory cannot be analyzed due to environmental and health considerations. Fumes and pungent odors are emitted during the analyses especially during the digestion of samples. Consequently, lesser revenues will be collected. Umpired samples submitted in the ANALAB are just being stored in the sample preparation room for safekeeping. Consequently, lesser revenues will be collected.

Other concerns include the laboratory's old or obsolete sample preparation equipment, no dust collector, unserviceable distilling apparatus, and hotplate, to mention a few. Moreover, the lack of manpower to provide laboratory services especially for gold analysis is a concern.

Challenges for CY 2018

With reference to the Audit Observation Memorandum (AOM) No. 101-2017-07 VFM of the Commission on Audit dated 22 December 2017 regarding laboratory equipment, physical condition and capability, and personnel complement of the analytical laboratory of MGB RXIII, this Office per MGB RXIII Letter response to COA dated February 1, 2018 proffers the following comments:

The Office shall give priority to the upgrading of its laboratory equipment and other related instruments to cope with modernization.

It shall likewise give preferential action on purchases of laboratory equipment and instruments necessary for its effective and efficient laboratory services.



Photo Documentation



73rd National PICHE Convention
February 22-24, 2018



Training Course on Internal Quality Control in the Analytical Laboratory and Estimation of Uncertainty of Analytical Measurements
April 10-14, 2018



Esteemed guest speakers for the Plenary Session received their Plaque of Recognition during the Opening Ceremony of the 33rd PCC held in PICC, Manila last May 30-June 2, 2018



Over a thousand participants joined the annual gathering of professionals in the chemistry industry and took time to visit several exhibitor's booths during the 33rd PCC held in PICC, Manila last May 30-June 2, 2018



Discussion on the "Directions for the Development of Chemistry in the Philippines" capped the congress' Closing Ceremony during the 33rd PCC held in PICC, Manila last May 30-June 2, 2018



ANNEX A: APPREHENSION ANNUAL REPORT



*"We have to implement the law.
I sympathize with these people.
What they are doing is very dangerous
so I hope they would be able to find other ways
to earn living other than illegal mining."*

That was the call of Secretary Roy A. Cimatu of the Department of Environment and Natural Resources (DENR) after he led the blasting of eighteen (18) mine tunnels last 14 February 2018 in Sitio Basa, Camp 4, Tuba, Benguet.

The crackdown on illegal small-scale mining activities was first launched in the Cordillera Administrative Region (CAR) following the issuance of DENR Special Order No. 2018-53 re: *"The Creation of the National Task Force Mining Challenge (NTFMC)"*, which was created purposely to apprehend/seize/confiscate illegally-sourced minerals, mineral products, tools and equipment including conveyances used in the illegal small-scale mining activities.

After months of implementation of the said order in the Cordilleras, on 26 April 2018, NTFMC has finally kicked off its first leg of implementation in Caraga Region making the gold-rich area of Placer, Surigao del Norte as the launching site, where illegal small-scale mining operations are prevalent. Placer operation was quite successful which tallies seven (7) mineral processing plants and one (1) small-scale mining working has been raid, fifty-five (55) items worth of small-scale mining paraphernalia were apprehended and forty-seven (47) sacks of mineral ores were confiscated in favor to the government. Three (3) court cases has been filed and on the process of ongoing court litigations between the Mines and Geosciences Bureau Regional Office No. XIII (MGB-ROXIII) and the small-scale miners.

Being named as the Mining Capital of the Philippines, Caraga as a mineral-rich region hosted numerous mining operations that include the rampant illegal small-scale mining activities being undertaken within its five (5) provinces, predominantly in the gold-rich provinces of Surigao del Norte and Agusan del Sur. As a result, NTFMC decided to launch the second wave of implementation of the Secretary's Order making the Municipalities of Bunawan and Rosario, both located in the Province of Agusan del Sur as its next target sites. Bunawan and Rosario operations were conducted in the small-scale mining areas of Co-o Small-scale Mining Association (COSSMA) in Bunawan and

Brgy. Sta. Cruz Small-scale Mining Association of Rosario, Agusan del Sur (BSCSSMARADS) on 01 June 2018. During the one-day raid, NTFMC has apprehended thirty-five (35) items composed of rod mills, air compressor, submersible pumps, drive motors, etc., which are being utilized in the illegal small-scale mining operation. The team has also determined nine (9) mineral processing plants and seventeen (17) small-scale mining sites during the operation. Planned blasting was not performed during the operation due to known circumstance including the unavailability of blasters and blasting accessories.

Even with the success of the two (2) leg of implementation of the DENR Special Order No. 2018-53, illegal small-scale mining and mineral processing operations still persist and continuous in the region. Thus, on 04 July 2018, another leg of crackdown of illegal mining activities was implemented in Malimono, Surigao del Norte. This operation was considered the most successful as its apprehended 183 items worth of tools, machines and equipments utilized in the illegal activities and confiscated 33 sacks of mineral ores from the 8 mineral processing plants where raids were conducted. MGB-



ROXIII has also filed appropriate charges to the identified perpetrators and now undergoing court litigations.

To end the year with a “bang”, NTFMC has ordered “Oplan Mine Crusher Part 2” to be conducted in the small-scale mining area of COSSMA in Bunawan, Agusan del Sur where blasting of portals was the main priority. This operation was conducted due to safety and geohazard factors as the area is identified as highly susceptible to landslide. Illegal mining activities in the area are also under a Cease and Desist Order (CDO) issued by the Provincial Governor. The plan has a full support from the concerned Local Government Unit (LGU) due to defiance of the CDO and to protect community from possible hazards.

The operation was well planned. Blasting paraphernalia and expert blasters were provided. However, due to accumulation of local residents that created a human barricade at the underground openings during the whole course of the activity, the NTFMC decided to abort the blasting operation for safety and security of the NTFMC members and local residents.

Affected small-scale miners and mineral processors, who pleaded their concerns during the operations, said that they will appeal to President Rodrigo Duterte to reconsider the Secretary’s order as its affect the primary source of livelihood and will create domino effect to the future of their children.

During the raid, small-scale mining associations with pending *Minahang Bayan* applications are appealing to the DENR Secretary and MGB Director the fast-tracking of their applications or augment small-scale mining areas for them to operate legally. Some small-scale miners also expressed that if the government can give them alternative and permanent livelihood they are willing to leave the said illegal activity.

Amidst of the threats resulted from the operations, MGB-ROXIII will still adhere with the Secretary’s order to ensure the strict implementation of existing mining laws, rules and regulations as well as other related environmental laws.

To date, the national members of the NTFMC ended their operations in Caraga Region and will also begin another crackdown of illegal small-scale mining activities in other part of the country. Momentarily, while waiting for further instructions from the head of the NTFMC, MGB-ROXIII is focusing on filing appropriate charges and attending court litigations against the illegal small-scale miners and mineral processors.



PHOTO DOCUMENTATION



Photo shows the ongoing inventory of apprehended items during the 1st leg of NTFMC operations in Placer, Surigao del Norte.



Photo shows the conduct of information drive of the technical personnel of MGB-ROXIII relative to the operation of NTFMC duly attended by the affected small-scale miners.



Photo shows the ongoing dismantling activity of illegal small-scale mining equipment during the conduct of NTFMC operation in Malimono, Surigao del Norte.



Photo shows the ongoing hauling of the apprehended items during the conduct of NTFMC operation in Rosario, Agusan del Sur.



ACCOMPLISHMENT REPORT ON THE APPREHENSION OF ALL ILLEGALLY SOURCED MINERALS, PRODUCTS, BY-PRODUCTS, TOOLS AND EQUIPMENT INCLUDING CONVEYANCES USED IN THE ILLEGAL SMALL-SCALE MINING, SAND AND GRAVEL AND QUARRYING OPERATIONS IN CARAGA REGION

DATE OF OPERATION	LOCATION	APPREHENDED ITEMS	OWNER	TYPE OF OPERATION	REMARKS
17 April 2018	Lipata-Surigao City Road/Maharlika Highway, Surigao City	1 unit Dump truck (ISUZU) with Plate No. RLK-761 12 cubic meter sand and gravel material	Mr. Val Pinat Julius Guarde	Sand and Gravel Operations	The apprehended vehicle was released from the Custody of the MGB dated 28 May 2018. Paid penalty in the amount of Php 10,000.00.
18 April 2018	Lipata-Surigao City Road/Maharlika Highway, Surigao City	1 unit Mini Dump Truck with Plate No. RFU-185 3 cubic meters rock boulders	Mr. Luzmindo U. Bacol Edgardo T. Daro (Driver)	Sand and Gravel Operations	The apprehended vehicle was released from the Custody of the MGB dated 28 May 2018. Paid penalty in the amount of Php 10,000.00.
18 April 2018	Lipata-Surigao City Road/Maharlika Highway, Surigao City	1 unit Mini Dump Truck with Plate No. CSD-803 (Blue) 3 cubic meters sand and gravel materials	Mr. Andrew U. Galinea Jayson M. Ariar (Driver)	Sand and Gravel Operations	The apprehended vehicle was released from the Custody of the MGB dated 05 June 2018. Paid penalty in the amount of Php 10,000.00.
26 April 2018	Bugas-bugas, Placer, Surigao del Norte	5 pcs. Fan Belt 1 pc. Ordinary Hose 1 unit Fly wheel 1 container crude oil 1 unit 3HP Induction Motor	Jose Marie C. Ocampo	Small-Scale Mining and Mineral Processing	All apprehended items are under the custody of the 30 th Infantry Battalion of the Philippine Army in Bad-as, Placer, Surigao del Norte. One (1) copy of the seizure receipt was also provided to the 30IB as the

		1 set Generator with dynamo and motor 3 unit Rod mill (61x48cm) 1 unit hydraulic pump 3 pcs. Improved cylindrical pump			custodian dated 26 April 2018. Appropriate case was filed before the Office of the Provincial Prosecutor on 02 July 2018.
26 April 2018	Bugas-bugas, Placer, Surigao del Norte	4 pcs. 2HP induction motor	Arnel Murillo	Small-Scale Mining and Mineral Processing	All apprehended items are under the custody of the 30 th Infantry Battalion of the Philippine Army in Bad-as, Placer, Surigao del Norte. One (1) copy of the seizure receipt was also provided to the 30IB as the custodian dated 26 April 2018. Appropriate case was filed before the Office of the Provincial Prosecutor on 02 July 2018.
26 April 2018	Bugas-bugas, Placer, Surigao del Norte	2 units Rod mill (61x48cm) 1 unit fly wheel 21 sacks ore	Juliet L. Baguingan	Small-Scale Mining and Mineral Processing	All apprehended items are under the custody of the 30 th Infantry Battalion of the Philippine Army in Bad-as, Placer, Surigao del Norte. One (1) copy of the seizure receipt was also provided to the 30IB as the custodian dated 26 April 2018. Appropriate case was filed before the Office of the Provincial Prosecutor on 02 July 2018.
26 April 2018	Sitio Mapaso, Brgy. Magsaysay, Placer, Surigao del Norte	2 pcs. Fan belt	Bobby Ruaya, Elvira Ruaya	Small-Scale Mining and Mineral Processing	All apprehended items are under the custody of the 30 th Infantry Battalion of the Philippine Army in Bad-as, Placer, Surigao del Norte. One (1) copy of the seizure receipt was also provided to the 30IB as the custodian dated 26 April 2018. Appropriate case was filed before the Office of the Provincial Prosecutor on 02 July 2018.
26 April 2018	Purok Ilang-ilang,	1 pc. Fan belt	Jenelyn Legaspi	Small-Scale Mining	All apprehended items are under the

	Sitio Mapaso, Brgy. Magsaysay, Placer, Surigao del Norte	1 unit drive pulley 7 pcs fan belt 2 pcs plastic cylindrical pump 1 sack suspected mineral ore		and Mineral Processing	custody of the 30 th Infantry Battalion of the Philippine Army in Bad-as, Placer, Surigao del Norte. One (1) copy of the seizure receipt was also provided to the 30IB as the custodian dated 26 April 2018. Appropriate case was filed before the Office of the Provincial Prosecutor on 02 July 2018.
26 April 2018	Sitio Mapaso, Brgy. Magsaysay, Placer, Surigao del Norte	5 pcs. Fan belt	Ronnel Romulo	Small-Scale Mining	All apprehended items are under the custody of the 30 th Infantry Battalion of the Philippine Army in Bad-as, Placer, Surigao del Norte. One (1) copy of the seizure receipt was also provided to the 30IB as the custodian dated 26 April 2018. Appropriate case was filed before the Office of the Provincial Prosecutor on 02 July 2018.
26 April 2018	Sitio Mapaso, Brgy. Magsaysay, Placer, Surigao del Norte	3 pcs. Fan belt 1 pc fan belt A22 1 unit drive pulley	Jerome Rogador	Small-Scale Mining	All apprehended items are under the custody of the 30 th Infantry Battalion of the Philippine Army in Bad-as, Placer, Surigao del Norte. One (1) copy of the seizure receipt was also provided to the 30IB as the custodian dated 26 April 2018. Appropriate case was filed before the Office of the Provincial Prosecutor on 02 July 2018.
26 April 2018	Sitio Mapaso, Brgy. Magsaysay, Placer, Surigao del Norte	15 sacks ore 2 unit wrecker motor 1 unit circuit breaker 1 unit welding machine 10 sacks ore 1 unit electric motor 1 unit pulley 1 unit fan belt	Jose T. Cuyos	Small-Scale Mining	All apprehended items are under the custody of the 30 th Infantry Battalion of the Philippine Army in Bad-as, Placer, Surigao del Norte. One (1) copy of the seizure receipt was also provided to the 30IB as the custodian dated 26 April 2018. Appropriate case was filed before the

		1 roll hoisting cable			Office of the Provincial Prosecutor on 02 July 2018.
17 May 2018	Brgy. Lipata, Surigao City	1 unit Mitsubishi Canter Series Mini Dump truck (Maroon) with Plate No. RNG-440 2.5 cubic meters sand and gravel materials	Ms. Hilda B. Cayson Mr. Recto C. Caylan (Driver)	Sand and Gravel Operations	The apprehended vehicle was released from the Custody of the MGB dated 05 June 2018. Paid penalty in the amount of Php 5,000.00.
17 May 2018	Brgy. Ipil, Surigao City	1 unit of Hyundai Dump Truck (Maroon) with Plate No. MFX-242 13 cubic meters sand and gravel materials	Ms. Nieves F. Gupita Jonathan D. Ga (Driver)	Sand and Gravel Operations	The apprehended vehicle was released from the Custody of the MGB dated 05 June 2018. Paid penalty in the amount of Php 5,000.00.
23 May 2018	Brgy. Sisimon, Veruela, Agusan del Sthreer	1 unit Hyundai Dump Truck 14 cubic meters limestone	Joey Ayuste	Quarrying	Custody of the apprehended items was transferred to Hon. Eduardo T. Coquilla, Brgy. Capatain of Sisimon, Laak, Compostela Valley dated 23 May 2018. On-going confiscation hearing; under the custody of the concerned Barangay.
23 May 2018	Brgy. Sisimon, Veruela, Agusan del Sur	1 unit Hyundai Dump Truck 14 cubic meters limestone	Danilo Camacho	Quarrying	Custody of the apprehended items was transferred to Hon. Eduardo T. Coquilla, Brgy. Capatain of Sisimon, Laak, Compostela Valley dated 23 May 2018. On-going confiscation hearing; under the custody of the concerned Barangay.
23 May 2018	Brgy. Sisimon, Veruela, Agusan del Sur	1 unit Hyundai Dump Truck 14 cubic meters limestone	Renato Herbolingo	Quarrying	Custody of the apprehended items was transferred to Hon. Eduardo T. Coquilla, Brgy. Capatain of Sisimon, Laak, Compostela Valley dated 23 May 2018. On-going confiscation hearing; under the custody of the concerned Barangay.

23 May 2018	Brgy. Sisimon, Veruela, Agusan del Sur	1 unit Hyundai Dump Truck 14 cubic meters limestone	Joey Ayuste	Quarrying	Custody of the apprehended items was transferred to Hon. Eduardo T. Coquilla, Brgy. Capatain of Sisimon, Laak, Compostela Valley dated 23 May 2018. On-going confiscation hearing; under the custody of the concerned Barangay.
01 June 2018	Sitio Loring, Brgy. Sta Cruz, Rosario, Agusan del Sur	1 unit fly wheel 2 pcs. Fan belt	-	Small-Scale Mining	On 05 June 2018, the custody of the apprehended items was transferred to DENR Caraga Regional Office and copies of the Seizure Receipts were also provided to their representative as the Custodian. As of 04 September 2018, the custody of the apprehended items was transferred to this Office by DENR Caraga Regional Office XIII.
01 June 2018	Sitio Loring, Brgy. Sta Cruz, Rosario, Agusan del Sur	1 unit motor	-	Small-Scale Mining and Mineral Processing	On 05 June 2018, the custody of the apprehended items was transferred to DENR Caraga Regional Office and copies of the Seizure Receipts were also provided to their representative as the Custodian. As of 04 September 2018, the custody of the apprehended items was transferred to this Office by DENR Caraga Regional Office XIII.
01 June 2018	Sitio Loring, Brgy. Sta Cruz, Rosario, Agusan del Sur	1 pc. Pan 1 bag purported muck sample 1 unit sluice box	-	Small-Scale Mining and Mineral Processing	On 05 June 2018, the custody of the apprehended items was transferred to DENR Caraga Regional Office and copies of the Seizure Receipts were also provided to their representative as the Custodian. As of 04 September 2018, the custody of the apprehended items was transferred to this Office by DENR Caraga Regional Office XIII.
01 June 2018	Sitio Marasigan, Brgy. Sta Cruz,	4 units rod mills (60.8x41.3cm) 2 units motor	Mr. Manuel Ireneo C. Arcena	Mineral Processing	On 05 June 2018, the custody of the apprehended items was transferred to

	Rosario, Agusan del Sur	5 sacks purported ore			<p>DENR Caraga Regional Office and copies of the Seizure Receipts were also provided to their representative as the Custodian.</p> <p>As of 04 September 2018, the custody of the apprehended items was transferred to this Office by DENR Caraga Regional Office XIII.</p>
01 June 2018	Sitio Marasigan, Brgy. Sta Cruz, Rosario, Agusan del Sur	2 units rod mills 2 pcs. Fan belt 1 unit fly wheel 1 unit motor	Oscar Gacayan	Mineral Processing	<p>On 05 June 2018, the custody of the apprehended items was transferred to DENR Caraga Regional Office and copies of the Seizure Receipts were also provided to their representative as the Custodian.</p> <p>As of 04 September 2018, the custody of the apprehended items was transferred to this Office by DENR Caraga Regional Office XIII.</p>
01 June 2018	Sitio Marasigan, Brgy. Sta Cruz, Rosario, Agusan del Sur	2 units 3-phase motor (5.5 HP)	-	Mineral Processing	<p>On 05 June 2018, the custody of the apprehended items was transferred to DENR Caraga Regional Office and copies of the Seizure Receipts were also provided to their representative as the Custodian.</p> <p>As of 04 September 2018, the custody of the apprehended items was transferred to this Office by DENR Caraga Regional Office XIII.</p>
01 June 2018	Sitio Perez, Brgy. Sta Cruz, Rosario, Agusan del Sur	2 units Motor 5 units rod mill	Jupiter Abulog	Mineral Processing	<p>On 05 June 2018, the custody of the apprehended items was transferred to DENR Caraga Regional Office and copies of the Seizure Receipts were also provided to their representative as the Custodian.</p> <p>As of 04 September 2018, the custody of the apprehended items was transferred to this Office by DENR Caraga Regional Office</p>

					XIII.
01 June 2018	Upper Co-o, Brgy. Consuelo, Bunawan, Agusan del Sur	4 pcs. Mallet or sledgehammer 2 pcs. Pillow block 1 pc. V-belt 1 unit roller shafting	Marvie Ticong	Small-Scale Mining	<p>On 05 June 2018, the custody of the apprehended items was transferred to DENR Caraga Regional Office and copies of the Seizure Receipts were also provided to their representative as the Custodian.</p> <p>As of 04 September 2018, the custody of the apprehended items was transferred to this Office by DENR Caraga Regional Office XIII.</p>
21 June 2018	Brgy. Ipil, Surigao City	1 unit Mitsubishi Mini-Dump Truck with Plate No. ADN-9044 (Blue) 3 cubic meter rock boulders 1 pc. Duplicate key	Jane Parao	Sand and Gravel Operations	<p>Under the custody of the Supply Officer of the Mines and Geosciences Bureau. Copies of Seizure Receipt were provided to the owner/driver and the Custodian.</p> <p>Scheduled for preliminary hearing on 26 July 2018.</p> <p>Released on 31 July 2018 and paid penalty of Php 10,000.00</p>
27 June 2018	Km.2 National Highway, Surigao City	1 unit dump truck (YCA 539 FUSO CANTER) 4 cubic meter sand and gravel material	Edie R. Juanico	Sand and Gravel Operations	<p>Under the custody of the Supply Officer of the Mines and Geosciences Bureau. Copies of Seizure Receipt were provided to the owner/driver and the Custodian.</p> <p>Scheduled for preliminary hearing on 26 July 2018.</p> <p>Released on 31 July 2018 and paid penalty of Php 10,000.00.</p>
04 July 2018	Brgy. Cansayong, Malimono, Surigao del Norte	7 units rod mill 2 units rod mill with ore (dismantled) 20 meters fan belt (small) 20 meters fan belt (large)	Ronald/Libeth Torehos/Edwin L. Denden (Care Taker)	Mineral Processing Operations	<p>Under the joint custody of PENRO-SDN, BLGU-Cansayong and this Office.</p> <p>Appropriate case was filed before the</p>

		1 unit motor compressor 15 pcs parts and accessories 7 sacks ore samples 1 unit blue torch			Office of the Provincial Prosecutor on 05 September 2018.
04 July 2018	Brgy. Cansayong, Malimono, Surigao del Norte	1 pc. Water valve 1 pc weighing scale 5 pcs rods 6 pcs electric motor 3 pcs air compressor 6 pcs submersible pump 4 roll fan belt 2 pcs blower 12 kgs cyanide 9 kgs lime 17 sacks ore 8 rolls H-P hose 1 pc 150A energy saver 3pcs pulley 1 pc pan 8 units rod mill 2 units concrete CIP tanks 1 unit submersible pump 1 unit transformer (10 KVA)	Soriano Sula-sula	Mineral Processing Operations	Under the joint custody of PENRO-SDN, BLGU-Cansayong and this Office. Appropriate case was filed before the Office of the Provincial Prosecutor on 05 September 2018.
04 July 2018	Brgy. Cansayong, Malimono, Surigao del Norte	7 sacks ore 2 units motor (3 KVA and 5 KVA) 1 pc weighing scale 2 pcs fan belt 14 pcs rods 1 roll hose 1 unit rod mill (3 phase) 1 unit rod mill (2 phase)	Edjumer Bantilan	Mineral Processing Operations	Under the joint custody of PENRO-SDN, BLGU-Cansayong and this Office. Appropriate case was filed before the Office of the Provincial Prosecutor on 05 September 2018.
04 July 2018	Brgy. Masgad, Malimono, Surigao del Norte	2 rod mills	Ramil Sinday	Mineral Processing Operations	Under the joint custody of PENRO-SDN and this Office. Appropriate case was filed before the Office of the Provincial Prosecutor on 05 September 2018.

04 July 2018	Brgy. Masgad, Malimono, Surigao del Norte	1 unit motor (5 horse power) 5 units of rod mill (50 cm x 30 cm in dimension) 5 pieces of flywheel 2 pieces of piece v-belt 8 pieces of rods (45 cm x 5 cm in dimension)	Bienvenido Bonoyaw	Mineral Processing Operations	Under the joint custody of PENRO-SDN and this Office. Appropriate case was filed before the Office of the Provincial Prosecutor on 05 September 2018.
04 July 2018	Brgy. Masgad, Malimono, Surigao del Norte	Four (4) units of Rod Mills Twenty-one (21) pieces with variety of sizes of Rods One (1) unit motor Five (5) pieces of Ply Wheels (4 of these were individually attached to the 4 Rod Mills) Five (5) pieces of Fan Belts	Alfredo E. Jubay	Mineral Processing Operations	Under the custody of PENRO-SDN. Appropriate case was filed before the Office of the Provincial Prosecutor on 05 September 2018.
04 July 2018	Brgy. Cansayong, Malimono, Surigao del Norte	Two (2) units of Ply Wheel shaft with assembly Seven (7) pieces of Fan Belts Five (5) units of Rod Mills	Edelberyo Jeraldino	Mineral Processing Operations	Under the joint custody of PENRO-SDN and this Office. Appropriate case was filed before the Office of the Provincial Prosecutor on 05 September 2018.
04 July 2018	Brgy. Hanagdong, Malimono, Surigao del Norte	Two (2) pieces of conveyor belt Four (4) pieces of fan belt Two (2) units of Fly wheel Three (3) units of customized sluice box One (1) piece of steel shovel Two (2) basin of grind ore Eight (8) empty plastic basin	Jr. Duhelag	Mineral Processing Operations	Under the joint custody of PENRO-SDN and this Office. Appropriate case was filed before the Office of the Provincial Prosecutor on 05 September 2018.
07 July 2018	Brgy. Taglatawan, Bayugan City, Agusan del Sur	8 cubic meter mixed sand 1 unit ISUZU dump truck (green) with Plate No. GGH 221	Mr. Lando Luzana	Sand and Gravel Operations	Under the custody of CENRO-Bayugan City. Scheduled for preliminary hearing on 26 July 2018.
07 July 2018	Brgy. Taglatawan, Bayugan City, Agusan del Sur	4 cubic meter mixed sand 1 unit ISUZU dump truck (green) with Plate No. ACN 1745	ARQ Builders Sandy Pontejos	Sand and Gravel Operations	Under the custody of CENRO-Bayugan City. Scheduled for preliminary hearing on 26 July 2018.

17 July 2018	Km. 10, Brgy. Quezon, Surigao City	1 unit dump truck (White) HOWO A7 with Plate No. 150106 7 cubic meter mixed sand 1 pc. Key (original)	Julieta R. Ancla/Rey G. Radin	Sand and Gravel Operations	All apprehended items are under the custody of this Office. Scheduled for preliminary hearing on 26 July 2018. Released on 31 July 2018 and paid penalty of Php 10,000.00.
31 August 2018	Brgy. Ipil, Surigao City	3 cubic meters fine/screened sand 1 unit mini-dump truck with Plate No. LGC-870	Angie Chato	Sand and Gravel Operations	All apprehended items are under the custody of this Office. Released on 04 October 2018 and paid penalty of Php 10,000.00
04 September 2018	Sitio Cayutan, Surigao City	3 cubic meters fine/screened sand 1 unit mini-dump truck (green) with Plate No. YKE-368	Leo Palero	Sand and Gravel Operations	All apprehended items are under the custody of this Office. Released on 04 October 2018 and paid penalty of Php 10,000.00
04 September 2018	Sitio Cayutan, Surigao City	3 cubic meters fine/screened sand 1 unit CANTER mini-dump truck with Plate No. ADN-8808	Leo Palero	Sand and Gravel Operations	All apprehended items are under the custody of this Office. Released on 04 October 2018 and paid penalty of Php 10,000.00
04 September 2018	Surigao City	3 cubic meters fine/screened sand 1 unit ISUZU mini-dump truck with Plate No. 1230-093223	Alex Palen	Sand and Gravel Operations	All apprehended items are under the custody of this Office. Released on 04 October 2018 and paid penalty of Php 10,000.00
15 September 2018	Purok 6, Brgy. Bayugan 3, Rosario, Agusan del Sur	127 sacks of guano materials with estimated volume of 8,890 kilos and value at Php 1.75/kilo = Php 15,557.50	Arniel Hambala	Guano Operations	On-going confiscation hearing; under the custody of CENRO-Bunawan.



ANNEX B: DINAGAT SATELLITE OFFICE ANNUAL REPORT



Introduction

Pursuant to Section 100 of Republic Act (R.A) No. 7942, the Philippine Mining Act of 1995, and Section 7 of Department Administrative Order No. 20 – 21, the consolidated Implementing Rules and Regulations of R.A. No.7942, a Satellite Office of the Mines and Geosciences Bureau (MGB) was created and established in the Province of Dinagat Islands.

On February 1, 2018, the Dinagat Islands Satellite Office has officially opened with the guidance of the Mines and Geosciences Bureau (MGB) Regional Office and its personnel. Office materials were brought from the Regional Office (RO) and with the guidance of its Accounting Section, various materials were bought by this office for its operation. Seminars and workshops which were facilitated by RO was attended by the Satellite Office (SO) personnel to further enhance their capabilities to better serve the government and monitor the companies to the best of their abilities.

Over the course of 2018, there are over 21 meetings attended by the Office personnel, over 64 shipments monitored by the technical personnel, 41 completed Multi – partite Monitoring Team (MMT) Validation conducted, 5 Complaints Investigated, 4 mining rights monitoring validation and 45 Mine Rehabilitation Fund Committee (MRFC) Meeting convened with 30 endorsed minutes of the meeting to Central Office (CO). As per instruction of the Regional Director of MGB XIII, the Office updated the Inventory of the Small Scale Mining and Mineral Processing Plants, Geohazard Assessments were done and Rehabilitation Plan Validation was conducted within Dinagat Islands.

Personnel also attended Coastal Cleanups, catered various requests such as Hazard Maps, Zoning Certificate, Summary of Shipments and etc. There are also over 29 reportorial requirements submitted to this Office by various Mining Companies situated in the Province of Dinagat Islands.

Assessment of Accomplishment

A. Shipment Monitoring

Guidelines were created under certain laws and memorandum for the thorough implementation in the monitoring of minerals. Among these include chapters of RA 7942 (Philippine Mining Act of 1995), sections of DENR Administrative Orders No. 2010 – 21 and 2008 – 20.

Chapter IX of RA 7942 and Chapter XII, Section 117 of DAO 2010-21 or the issuance of Ore Transport Permit by the concerned Mines and Geosciences Bureau to the company in which origin and quantity of ore material was being specified.

DAO 2008-20, Section 6 or the Deployment of DENR Personnel or Monitoring in all public/private port, sea and air to monitor exportation of minerals. Regional Memorandum No. 2018-02 and 2018-08 or the Guidelines in Umpiring/Monitoring of Minerals/Mineral Product Shipment and the Revised Procedural Guidelines in Umpiring/Monitoring of Minerals/Mineral Products and By-Products Including Tailings, respectively, presenting mandatory requirements in the conduct of umpiring. The company should secure beforehand an Ore Transport Permit (OTP) and Mineral Ore Export Permit (MOEP), and to duly pay the Umpiring Fee of Php2000.00 per man per day. Prior to the signing of documents and departure of vessel carrying the ore



minerals, the shipper is required to present to the monitoring personnel pertinent documents for the legality of exporting the mineral. Among the required documents are the following:

- a. Ore Transport Permit
- b. Mineral Ore Export Permit
- c. Orders of Payment
- d. Statement of Facts
- e. Mate's Receipt
- f. Bill of Lading
- g. Final Cargo Stowage
- h. Provisional Invoice
- i. Export Declaration
- j. Outward Foreign Manifest
- k. Clearance of Vessel to a Foreign Port
- l. Proof of Payment (advance payment for the Excise tax, Royalty Tax, Umpiring Fee)
- m. Draft Survey

The monitoring personnel should confirm the validity of OTP and MOEP, the quantity of ore loaded to the vessel which has an allowable (+/-) 10% of the applied tonnage, and the quality of the ore as determined during the stockpile validation. The personnel should also participate in the conduct of draft survey and validate the result together with the shipper and vessel officer.

Below is the list of shipments monitored by MGB – PDI technical personnel.

NO.	COMPANY	DATE
1	Cagdianao Mining Corporation (1)	March 22-April 21, 2018
2	Cagdianao Mining Corporation (2)	April 03-25, 2018
3	Cagdianao Mining Corporation (3)	April 14-May 10, 2018
4	Libjo Mining Corporation (1)	April 06-24, 2018
5	Cagdianao Mining Corporation (4)	April 16-May10, 2018
6	Cagdianao Mining Corporation (5)	April 19-May 08, 2018
7	Cagdianao Mining Corporation (6)	May 10-18, 2018
8	Cagdianao Mining Corporation (7)	May 11-20, 2018
9	Cagdianao Mining Corporation (8)	May 16-26, 2018
10	Cagdianao Mining Corporation (9)	May 26-June 03, 2018
11	Cagdianao Mining Corporation (10)	May 31-June15, 2018
12	AAM – Phil Natural Resources Dev. Corp (1)	June 02-14, 2018
13	Cagdianao Mining Corporation (11)	June 6-13, 2018
14	Libjo Mining Corporation (2)	June 09-18, 2018
15	Cagdianao Mining Corporation (12)	June 9-29, 2018
16	Cagdianao Mining Corporation (13)	June 11-21, 2018
17	Cagdianao Mining Corporation (14)	June 13-28, 2018
18	Cagdianao Mining Corporation (15)	June 16-28, 2018
19	Cagdianao Mining Corporation (16)	June 26-July 05, 2018
20	Cagdianao Mining Corporation (17)	June 27-July 05, 2018



NO.	COMPANY	DATE
21	Cagdianao Mining Corporation (18)	July 01-15, 2018
22	Cagdianao Mining Corporation (19)	July 03-11, 2018
23	Cagdianao Mining Corporation (20)	July 05-18, 2018
24	Cagdianao Mining Corporation (21)	July 07-17, 2018
25	Cagdianao Mining Corporation (22)	July 10-22, 2018
26	Cagdianao Mining Corporation (23)	July 14-23, 2018
27	Cagdianao Mining Corporation (24)	July 18-28, 2018
28	Cagdianao Mining Corporation (25)	July 20-29, 2018
29	Cagdianao Mining Corporation (26)	July 21-29, 2018
30	Sinosteel Phil. H.Y Mining Corporation (1)	July 23-27, 2018
31	Cagdianao Mining Corporation (27)	July 24-August 02, 2018
32	Cagdianao Mining Corporation (28)	July 28-August 08, 2018
33	AAM – Phil Natural Resources Dev. Corp (2)	August 01-08, 2018
34	Cagdianao Mining Corporation (29)	August 02-16, 2018
35	Cagdianao Mining Corporation (30)	August 03-09, 218
36	Cagdianao Mining Corporation (31)	August 04-10, 2018
37	Libjo Mining Corporation (3)	August 05-17, 2018
38	Cagdianao Mining Corporation (32)	August 09-15, 2018
39	Cagdianao Mining Corporation (33)	August 11-17, 2018
40	Sinosteel Phil. H.Y Mining Corporation (2)	August 12-15, 2018
41	Cagdianao Mining Corporation (34)	August 13-18, 2018
42	Cagdianao Mining Corporation (35)	August 15-22, 2018
43	Cagdianao Mining Corporation (36)	August 21-26, 2018
44	Cagdianao Mining Corporation (37)	August 23-28, 2018
45	Cagdianao Mining Corporation (38)	August 26-30, 2018
46	Cagdianao Mining Corporation (39)	August 31-September 09, 2018
47	Sinosteel Phil. H.Y Mining Corporation (3)	September 1-8, 2018
48	Cagdianao Mining Corporation (40)	September 02-09, 2018
49	Cagdianao Mining Corporation (41)	September 04-09, 2018
50	Cagdianao Mining Corporation (42)	September 04-15, 2018
51	Cagdianao Mining Corporation (43)	September 10-October 10, 2018
52	AAM – Phil Natural Resources Dev. Corp (3)	September 08-19, 2018
53	Cagdianao Mining Corporation (44)	September 11-19, 2018
54	Cagdianao Mining Corporation (45)	September 09-26, 2018
55	Cagdianao Mining Corporation (46)	September 16-27, 2018
56	Sinosteel Phil. H.Y Mining Corporation (4)	September 20-October 06, 2018
57	Westernshore Nickel Corporation (1)	September 20 - 29, 2018
58	Cagdianao Mining Corporation (47)	September 21-October 03, 2018
59	Cagdianao Mining Corporation (48)	September 22-October 18, 2018
60	Cagdianao Mining Corporation (49)	September 23-October 10, 2018
61	Libjo Mining Corporation (4)	October 03-16, 2018
62	Westernshore Nickel Corporation (2)	October 01 - 09, 2018
63	Century Peak Corporation (1)	October 16-26, 2018
64	Westernshore Nickel Corporation (3)	October 18-24, 2018

Table 1. Summary of Shipment Monitoring for Mining Companies in the Province of Dinagat Islands

B. Multi-Partite Monitoring Team (MMT) Validation

DENR Administrative Order No. 37 series of 1996 or DAO 96-37 as well as DENR Administrative Order No. 03 series of 2003 provided for the requirement to form a Multipartite Monitoring Team (MMT) immediately after the issuance of Environmental Compliance Certificate (ECC) for



Environmentally Critical Projects (ECPs) and certain projects that may not be classified as ECPs but are environmentally critical areas (ECA).

DENR Administrative Order No. 21 series of 2010 which provided for a consolidated DENR administrative order for the Implementing Rules and Regulations of RA 7942, otherwise known as the “Philippine Mining Act of 1995”, state that the MMT, deputized by the Mine Rehabilitation Fund Committee (MRFC) as its monitoring arm, is tasked to monitor quarterly the activities stipulated in the EPEP/AEPEP to ensure the mining company’s performance and compliance.

DENR Administrative Order No. 2015 – 02 (Harmonization of the Implementation of the Philippine Environmental Impact Statement System and the Philippine Mining Act of 1995 in Relation to Mining Projects) provided for the operationalization of the Multipartite Monitoring Team (MMT) in compliance with both DAO Nos. 2003-30 (Implementing Rules and Regulations of the Philippine EIS System) and 2010 – 21 (Implementing Rules and Regulations of the Philippine Mining Act).

The Multipartite Monitoring Team (MMT) discusses the previous findings from the last quarter monitoring conducted by the team and validates whether the company has complied with the recommendations that the team has previously stipulated. After every previous finding are raised and discussed, the team then proceeds to inspect their respective area. They take note if the company is not following the required and prescribed guidelines for each division and other findings that they have found as they validate. Findings are discussed then evaluated by the whole team after which conclusions are formulated.

Below is the list of MMT Validations for mining companies in Dinagat Islands.

	COMPANY	DATE OF MONITORING	TEAM LEADER
Coverage: 4th quarter of C.Y. 2017			
1	OVMPC	February 5-7, 2018	G.I. Buot
2	KI	February 7-9, 2018	R.J. Geli
3	CMC	February 19-21, 2018	G.I. Buot
4	CPC-Casiguran Project	February 19-21, 2018	M. Ravelo
5	SPHYMC	February 22-24, 2018	J. Baldapan
6	CPC - Rapid City	February 22-24, 2018	M. Ravelo
7	LMC	March 12-14, 2018	G.I. Buot
8	WNC	March 15-17, 2018	G.I. Buot
9	WMC -Area II	March 19-21, 2018	G.I. Buot
10	AAMPFIL - Pancel 2B	March 21-23, 2018	J. Baldapan
11	WMC-Area I	March 22-24, 2018	G.I. Buot
12	AAMPFIL - Parcel 1	March 26-28, 2018	R.J. Geli
13	OSMC	March 26-28, 2018	J. Baldapan



	COMPANY	DATE OF MONITORING	TEAM LEADER
Coverage: 1st quarter of C.Y. 2018			
14	AAMPHIL - Parcel 1	May 9-11, 2018	J. Baldapan
15	CPC - Rapid City	May 15-17, 2018	M. Ravelo
16	CMC	May 16-18, 2018	J. Caballero
17	CPC - Casiguran	May 17-19, 2018	M. Ravelo
18	OVMPC	May 21-23, 2018	J. Caballero
19	LMC	May 21-23, 2018	J. Baldapan
20	WNC	May 24-26, 2018	J. Baldapan
21	SPHYMC	May 28-30, 2018	
Coverage: 2nd quarter of C.Y. 2018			
22	CMC	July 30-August 1, 2018	J. Caballero
23	AAMPHIL - Parcel 1	July 30-August 1, 2018	R. Caluyong
24	KI	August 2-4, 2018	R. Caluyong
25	CPC - Casiguran	August 6-8, 2018	J. Rogador
26	AAMPHIL - Parcel 2B	August 6-8, 2018	R. Caluyong
27	CPC - Rapid City	August 9-11, 2018	J. Rogador
28	SPHYMC	August 13-15, 2018	J. Rogador
29	LMC	August 13-15, 2018	J. Caballero
30	WNC	August 16-18, 2018	J. Caballero
31	OVMPC	August 22-24, 2018	J. Caballero
32	OSMC	August 23-25, 2018	R. Caluyong
33	WMC - Area 1	October 22-24, 2018	B. Natural
34	WMC - Area II	October 25-27, 2018	B. Natural
Coverage: 3rd quarter of C.Y. 2018			
35	SPHYMC	October 29-31, 2018	J. Rogador
36	LMC	November 5-7, 2018	J. Caballero
37	AAMPHIL - Parcel 1	November 5-7, 2018	R. Caluyong
38	WNC	November 8-10, 2018	J. Caballero
39	CPC - Rapid City	November 8-10, 2018	J. Rogador
40	CMC	November 12-14, 2018	J. Caballero
41	OVMPC	November 15-17, 2018	J. Caballero

Table 2. Summary of Multi-Partite Monitoring Team (MMT) Validation for Mining Companies in the Province of Dinagat Islands

C. Mine Rehabilitation Fund Committee (MRFC) Meeting

Section 183 of DAO 2010 – 21 declares that an MRF Committee shall be created in each Region where active mining operations exist and shall conduct preliminary evaluation on the submitted EPEP and consults with credible experts, manages, operates, monitors and looks after the safety of the MRFs and FMRDFs, resolves issues involving the progressive mine rehabilitation programs that shall be implemented, hires credible experts to do independent studies and researches on the environmental, engineering and sociocultural impacts of the projects in order to assist it in making judicious decisions, ensures that the approved EPEPs/AEPEPs shall be strictly implemented by the Contractors/Permit Holders and deputizes an MMT to serve as its monitoring arm with the Regional Office concerned taking the lead role; monitors and evaluates the performance of the MMTs, ensures that the MTFs, RCFs and FMRDFs shall be kept separate and distinct from one another, in the absence of fraud, bad faith



or gross negligence on the part of the MRF Committee or any person acting on its behalf, prepares and submits to the Secretary/Director, within thirty (30) calendar days after the end of each year periodic reports of activities as may be required; and performs other functions as may be assigned by the Secretary/Director.

DAO 2010 – 21 Section 184 specifies that the meetings of the MRF Committee shall be held quarterly. In all meetings, the presence of at least four (4) members shall constitute a quorum to conduct business. The meetings shall be presided by the Chair or, in his/her absence, by the Co-Chair. In the absence of the Chair and the Co-Chair, the meetings shall be presided by either of their representatives. Unless otherwise provided herein, a majority vote of the members present in the meeting shall be required to give effect to any resolutions or decisions of the Committee. The presiding officer of the meeting shall not vote in any matter brought before the Committee except in case of a tie. The Committee shall provide the CLRF Steering Committee with a copy of the minutes of its meetings within seven (7) working days after.

Below is the list of MRFC Meetings conducted to mining companies situated in the Province of Dinagat islands.

COMPANY	CATEGORY	DATE	DATE OF APPROVAL
1ST QUARTER			
1	SPHYMC	SPECIAL	January 16, 2018
2	AAMPFIL-1	SPECIAL	January 16, 2018
3	AAMPFIL-2B	SPECIAL	January 16, 2018
4	KI	SPECIAL	January 17, 2018
5	CMC	SPECIAL	January 22, 2018
6	OVMPC	SPECIAL	January 23, 2018
7	CPC-Casiguran	SPECIAL	January 23, 2018
8	CPC-Rapid	SPECIAL	January 23, 2018
9	LMC	SPECIAL	January 24, 2018
10	WNC	SPECIAL	January 24, 2018
11	WMC-1	SPECIAL	February 9, 2018
12	WMC-2	SPECIAL	February 9, 2018
13	OSMC	SPECIAL	March 19, 2018
14	SPHYMC	REGULAR	April 10, 2018
15	AAMPFIL-1	REGULAR	April 11, 2018
16	AAMPFIL-2B	REGULAR	April 11, 2018
17	LMC	REGULAR	April 12, 2018
18	WNC	REGULAR	April 12, 2018
19	KI	REGULAR	April 12, 2018
20	CMC	REGULAR	April 13, 2018
21	OSMC	REGULAR	April 16, 2018
22	OVMPC	REGULAR	April 20, 2018
23	WMC-1	REGULAR	April 20, 2018
24	WMC-2	REGULAR	April 20, 2018
25	CPC-Casiguran & Rapid	REGULAR	April 23, 2018
26	SPHYMC	SPECIAL	May 11, 2018
27	CPC-Casiguran & Rapid	JOINT REGULAR	June 1, 2018
28	SPHYMC	REGULAR	June 8, 2018
29	AAMPFIL-1	REGULAR	June 8, 2018
30	LMC	REGULAR	June 13, 2018



COMPANY	CATEGORY	DATE	DATE OF APPROVAL
31	WNC	REGULAR	June 13, 2018
32	CMC	REGULAR	June 22, 2018
3RD QUARTER			
33	OVMPC	REGULAR	July 6, 2018
34	AAMPFIL-1	SPECIAL	July 9, 2018
35	AAMPFIL-2B	REGULAR	August 16, 2018
36	AAMPFIL-1	REGULAR	August 17, 2018
37	KI	REGULAR	August 17, 2018
38	CPC-Casiguran	REGULAR	August 17, 2018
39	CPC-Rapid	REGULAR	August 17, 2018
40	SPHYMC	REGULAR	August 20, 2018
41	LMC	REGULAR	September 14, 2018
42	CMC	REGULAR	September 14, 2018
43	OSMC	REGULAR	September 28, 2018
44	WNC	REGULAR	September 28, 2018
45	OVMPC	REGULAR	October 1, 2018

Table 3. Summary of Mine Rehabilitation Fund Committee (MRFC) Meeting for Mining Companies in the Province of Dinagat Islands

D. Mining Rights Monitoring

Pursuant to Section 100 of Republic Act (R.A) No. 7942, the Philippine Mining Act of 1995, permit holder (permittee/contractors and MDCA) are subjected to be monitored on its compliance with the terms and conditions of the respective MPSA contracts annually. This is in lieu of the newly crafted Monitoring Checklist and Scorecard to validate the level of compliance of the mining companies.

NO.	COMPANY NAME	DATE CONDUCTED
1	KI and Naredico	July 02-07, 2018
2	SPHYMC	August 07-09, 2018
3	CMC	August 28-30, 2018
4	Minahang Bayan ng Albor	November 27, 2018

Table 4. Summary of Mining Rights Monitoring for Mining Companies in the Province of Dinagat Islands



E. Investigation

NO.	COMPLAINANT AND COMPLAINEE	SUBJECT	DATE CONDUCTED
1	Cloteldo E. Gemao vs. Wendelin P. Esmeralda	Quarrying in Barangay Magsaysay, Dinagat, Dinagat Islands	August 28, 2018
2	Cloteldo E. Gemao vs. Wendelin P. Esmeralda	Alleged Environmental Destruction Due to Extraction of Sand and Gravel at Brgy. Magsaysay, Dinagat, Dinagat Islands	September 19 – 20, 2018
3	Leonila O. Colandog vs. Century Peak Corporation	Alleged Irresponsible Mining Practices of Century Peak Corporation in Loreto, PDI	September 26 – 27, 2018
4	Lelibeth P. Monte vs. Oriental Vision Mining Phils. Corporation	Complaint Against Manpower Service Contractor of OVMPC	October 08, 2018
5	Jeffrey Conales vs AAM-Phil Natural Resources Development Corporation	PENRO Special Order No. 2018-0092 re: Authority to Conduct in-depth Investigation of the Alleged Water Discoloration and other Effects of Mining Activities in Panamaon, Loreto, PDI as posted by Jeffrey Conales in the Social Media	November 27, 2018

Table 5. Summary of Investigations conducted in the Province of Dinagat Islands for 2018.

F. Meetings

There are over 21 meetings that the Office had been invited into over the course of the year. Below shows the list of meetings, training and workshops that the Office was able to participate into.

NO.	DATE RECEIVED	RECEIVED ENDORSEMENT	SUBJECT	ACTIONS
1	17-Apr-18	Communication Letter	Invitation for the 2018 Updating of the List of Establishments (ULE) forum on April 26, 2018, 1:00 PM at DTI Function Hall, Sta. Crus, San Jose, Dinagat Islands.	Attended by OIC
2	07-May-18	Communication Letter	2nd PDC-EDC Meeting	Attended
3	11-May-18	Communication Letter	Reschedule of Provincial Cave Committee (PCC) Launching Orientation on May 17, 2018 at 8: 00 am at DENR, Training Center P-2 Sta. Cruz, San Jose, PDI	-
4	18-May-18	Communication Letter	Invitation to the 2nd Quarter EDC-ERMC Meeting	Attended by OIC



NO.	DATE RECEIVED	RECEIVED ENDORSEMENT	SUBJECT	ACTIONS
5	09-Jul-18	Communication Letter	11th Provincial Development Council Meeting	Attended by RO Personnel
6	07-Aug-18	Communication Letter	Quarterly Meeting of HRMOs/Aos of Givernment Agencies among Surigao del Norte and Dinagat Islands	Attended by PDI Personnel
7	15-Aug-18	Communication Letter	MGB 2019 Annual Procurement Plan (APP)	Attended by PDI Personnel
8	17- Aug-18	Communication Letter	Pre-Provincial Workshop on the Localization of the Philippines Development Plan (C Y 2017-2022) and the Sustainable Development Goals (SDGs) on August 23-24, 2018	Attended by RO Econ secretary
9	29-Aug-18	Communication Letter	Invitation to the Pre-Provincial Workshop on the Localization of the Philippines Development Plan (C Y 2017-2022) and the Sustainable Development Goals (SDGs) on August 31, 2018	Attended by OIC, Planning Officer and Personnel
10	04-Sep-18	Communication Letter	PMRB Regular Meeting on September 11, 2018	Attended by OIC
11	12-Sep-18	Communication Letter	3rd Quarter PDC-ERMC Meeting	Attended by OIC
12	18-Sep-18	Communication Letter	3rd Quarter PDC-EDC Meeting	Acted by OIC and attended by Ro personnel
13	18-Sep-18	Communication Letter	Coastal Clean Up Acticity on September 21, 2018 at 3 pm	Attended by Personnel
14	20-Sep-18	Communication Letter	PDRPMC Full Council and Third Quarter Meeting	Attended by RO Personnel
15	25-Sep-18	Communication Letter	12th Provincial Development Council Meeting on October 11, 2018 at Provincial Guest Center, Cuarenta, San Jose, Dinagat Islands	Attended by RO Personnel
16	26-Sep-18	Communication Letter	Malinao Inlet Site Visit/Malinao Inlet Stakeholders Consultation Forum on October 3, 2018 at Malinao Brgy. Hall, Malinao, Tubajon, PDI	Attended by PDI Personnel
17	09-Oct-18	Communication Letter	Invitation to attend the Empowerment of Information Officers and Correspondents thru Practical Approach on News Reporting using Quad Media on October 22, 2018	Attended by PDI Personnel
18	15-Oct-18	Communication Letter	Malinao Inlet Stakeholders meeting	Attended by OIC-RD Glenn Noble
19	18-Oct-18	Communication Letter	Invitation to the PCC Meeting on October 25, 2018 at DENR Training Center, P-2 Sta. Cruz, San Jose, Dinagat Islands	Attended by PDI Personnel



NO.	DATE RECEIVED	RECEIVED ENDORSEMENT	SUBJECT	ACTIONS
20	06-Nov-18	Communication Letter	1 day presentation, critiquing, and finalization of the draft of Hagakhak Cave 1 Management Plan at P-2 Sta. Cruz, San Jose, Dinagat Islands on November 8, 2018	Attended by PDI Personnel
21	21-Nov-18	Communication Letter	Solid Waste Management Board Consultation Meeting cum Action Planning for the Establishment of Provincial Sanitary Landfill on November 28 - 29, 2018 at Justiniana Edera Function Hall, Justiniana, San Jose, Dinagat Islands	Attended by PDI Personnel

Table 6. Summary of Meetings attended by personnel stationed at the Province of Dinagat Islands



ANNEX C: PHYSICAL & FINANCIAL

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CY 2018 EXTERNAL PHYSICAL AND FINANCIAL ACCOMPLISHMENTS
Mines and Geosciences Bureau Regional Office No. XIII
January 1 to December 31, 2018

P A P Code / Component Activity Statement		PERFORMANCE INDICATOR	PHYSICAL PERFORMANCE			FINANCIAL PERFORMANCE ('000)					
			Target	Accomp	% Acc	Expense Class	Allotment	Obligation	Disbursement	% BUR 1	% BUR 2
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/International Organizations coordinated/participated (no.)									
4	Conduct investigation, provide legal assistance and resolve mine related cases	Investigation assisted (no.)									
		Hearings attended (no.)									
A.02.b	Mineral Economics, Information and Publication					Sub-Total	0	0	0	0	0
						PS					
						MOOE					
						CO					
1	Conduct Awareness and Advocacy on Mineral Resources and Geosciences Development (MRGD)	IEC conducted/organized/participated (no.)									
		Press releases/ conferences/ media interviews conducted (no.)									
		Capacity Building									
		a) for MGB Personnel									
		b) for LGUs and Other Stakeholders									
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					Sub-Total	0	0	0	0	0
						PS					
						MOOE					
						CO	-	-	-	-	-
1	Research Studies on Mineral Resources and Geosciences Development (MRGD) Programs	Research/studies conducted (no.)									
A.03 - OPERATIONS						TOTAL	44,659,283	44,657,394	43,396,375	26	25
						PS	14,814,000	14,814,000	14,810,746	3	3
						MOOE	29,845,283	29,843,394	28,585,629	23	22
						CO	0	0	0	0	0
001: NATURAL RESOURCES SUSTAINABLY MANAGED - PROGRAM 1: MINERAL RESOURCES ENFORCEMENT AND REGULATORY PROGRAM											
OUTCOME INDICATOR 1											
	Percentage increase in the revenues of government from mineral resources development										
OUTCOME INDICATOR 2											
	Percentage of monitored mining permits/contracts complying with laws, rules and regulations										
OUTPUT INDICATOR 1											
	Mining applications (including other mining rights related applications) approved/denied/endorsed within the prescribed period										
OUTPUT INDICATOR 2											
	Number of mining permits/contracts monitored										
Program 1	Mineral Resources Enforcement and Regulatory Program					TOTAL	9,707,720	9,707,720	9,397,967	12	12

CY 2018 EXTERNAL PHYSICAL AND FINANCIAL ACCOMPLISHMENTS
Mines and Geosciences Bureau Regional Office No. XIII
January 1 to December 31, 2018

P A P Code / Component Activity Statement		PERFORMANCE INDICATOR	PHYSICAL PERFORMANCE			FINANCIAL PERFORMANCE ('000)					
			Target	Accomp	% Acc	Expense Class	Allotment	Obligation	Disbursement	% BUR 1	% BUR 2
1	Mineral Investment Promotion Program					PS				2	2
						MOOE	9,707,720	9,707,720	9,397,967	10	10
						CO	-	-	-	-	-
						Sub-Total	17,419,000	17,419,000	17,124,016	3	3
						PS	9,825,000	9,825,000	9,821,746	1	1
						MOOE	7,594,000	7,594,000	7,302,270	2	2
						PS	9,825,000	9,825,000	9,821,746	100%	100%
						MOOE	7,594,000	7,594,000	7,302,270	100%	96%
							46,000	46,000	46,000	100%	100%
	Issuance of mining permits/contracts (including in areas within mineral reservations) and other related permits	Issuance of mining permits/contracts (no.)									
	a. Agreements/contracts/permits (FTAA/MPSA/EP/ISAGP/SSMP/MPP)	2	3	150%		7,548,000	7,548,000	7,256,270	100%	96%	
	b. Other mining related permits	8	9	113%							
	Development of Small-Scale Mining - Assistance to Provincial/City Mining Regulatory Board (P/CMRB)/LGUs/Other Stakeholders	Inventory of Peoples Small-Scale Mining (PSSM)/Minahang Bayan(MB) Areas, and Quarry/Sand and Gravel (SAG)/Small-Scale Mining (SSM) Sites (no.)	5	5	100%	MOOE	66,000	66,000	66,000	100%	100%
	Proposed Minahang Bayan sites endorsed to DENR through MGBCO (no.)	1	1	100%	CO						
	P/CMRBs maintained/operationalized/reconstituted (no.)	6	6	100%							
2	Mining Industry Development Program					Sub-Total	4,095,440	4,095,440	4,059,395	16	15
						PS	2,047,720	2,047,720	2,029,698	8	8
						MOOE	2,047,720	2,047,720	2,029,698	8	8
						MOOE	100,000	100,000	100,000	100%	100%
						MOOE	1,350,720	1,350,720	1,350,630	100%	100%
						MOOE	224,000	224,000	224,000	100%	100%
						MOOE	24,000	24,000	20,000	100%	83%
	Monitoring/Audit of Mining Permits/Contracts/Leases/ Claims/JOAs (including those within Mineral Reservations) as to compliance with the Terms and Conditions/Requirements and implementation of approved Work Program/Safety, Health, Environmental and Social Development Programs	Mining Rights monitored (no.) as to compliance with:									
	a. Work Program/Terms and Conditions/Requirements	42	44	105%							
	b. Safety, Health, Environment and Social Development (SHES) Programs	42	43	102%							
		Mining Rights audited (no.) as to compliance with:									
	a. Work Program/Terms and Conditions/Requirements	42	44	105%	MOOE	224,000	224,000	224,000	100%	100%	
	b. Safety, Health, Environment and Social Development (SHES) Programs	42	43	102%	MOOE	24,000	24,000	20,000	100%	83%	
	Resolution of Complaints/Cases/Conflicts	Philippine Development Plan									
		Surface Metallic Mines (operating/suspended) compliant with AEPEP/CMP with AEPEP/CMP maintained (Targets RO II - 2; RO III - 4; RO IV MIMAROPA - 3; RO V - 1; RO VII - 1; RO VIII - 2; RO XIII - 23)									
		Complaints/cases/conflicts investigated/resolved by: (no.)									
	a. MGB	12	15	125%	MOOE	92,000	92,000	92,000	100%	100%	
	b. Panel of Arbitrators				MOOE	86,000	86,000	86,000	100%	100%	
		Mines Adjudication Board cases deliberated (no.)				MOOE	63,000	63,000	63,000	100%	100%
	Anti-Illegal Mining Campaign	Cease and Desist Orders issued/implemented (no.)	3	9	300%	MOOE	108,000	108,000	94,068	100%	87%
		Charges filed with the Provincial/City Prosecutors Office (no.)	3	3	100%	MOOE					
	Strengthen Multi-partite Monitoring System	Multi-partite Monitoring Teams (MMT) of mining projects (with permits issued by MGB) operationalized (no.)	28	32	114%	MOOE					
3	Mine Rehabilitation Program										
						Sub-Total					
						MOOE					
						CO					
						MOOE					
	a. Bagacay Mine area	Reforestation of Peripheral site conducted (ha.) (establishment, care and maintenance of area)									
		Engineering Mitigating Measures implemented (no.) (Dam maintenance & Coastal, Inland & River assessment)									
		Revegetation/Reforestation of Bagacay Mine Area conducted (ha.)									
	b. Other Abandoned/Inactive/Closed Mines	Implementation of Mine Environmental Management Plan (no.)				MOOE					
		(Target : RO IV MIMAROPA - 3 : PQMI; Romblon Marble and Silica Sand Mine				CO					

CY 2018 EXTERNAL PHYSICAL AND FINANCIAL ACCOMPLISHMENTS
Mines and Geosciences Bureau Regional Office No. XIII
January 1 to December 31, 2018

P A P Code / Component Activity Statement		PERFORMANCE INDICATOR	PHYSICAL PERFORMANCE			FINANCIAL PERFORMANCE ('000)					
			Target	Accomp	% Acc	Expense Class	Allotment	Obligation	Disbursement	% BUR 1	% BUR 2
	c. Marcopper	Mine Environmental Mgt. Plan prepared/implemented/monitored (no.) (Target : RO IV MIMAROPA)				MOOE					
001: NATURAL RESOURCES SUSTAINABLY MANAGED - PROGRAM 2: MINERAL RESOURCES AND GEOSCIENCES DEVELOPMENT PROGRAM											
OUTCOME INDICATOR 1											
	Number of LGUs informed of the geology and mineral potential										
OUTPUT INDICATOR 1											
	Percentage of Total Philippine area surveyed for geology and mineral potential										
OUTPUT INDICATOR 2											
	Number of new mineral reservation areas assessed/endorsed for declaration										
Program 2 1	Mineral Resources and Geosciences Development Communication Plan For Mineral Resources and Geoscience Development Conduct of Awareness and Advocacy on Mineral Resources and Geosciences Development (MRGD) Generate/Publish/Disseminate Information, Education and Communication (IEC) Materials Capacity Building Program on MRGD Laws, Rules and Regulations National and International Linkages					Sub-Total	2,078,000	2,078,000	2,070,767		
						PS					
						MOOE	2,078,000	2,078,000	2,070,767	5	4
						CO					
						MOOE					
		LGUs and other stakeholders forum conducted (no.)	3	3	100%		537,000	537,000	534,984	100%	100%
		Radio/TV Guestings (no.)	12	26	217%						
		Press Releases/Photo Releases/Feature Stories (no.)	12	12	100%						
						MOOE					
		Website maintained (no.)	1	1	100%						
		IEC Materials produced/reproduced/distributed (no.)	100	123	123%		7,000	7,000	1,783	100%	25%
		Statistics Reports submitted to MGBCO (no.)	33	33	100%						
						MOOE					
		Trainings conducted/coordinated/participated on (no.)									
		a. For MGB Personnel to attend	6	23	383%						
		b. For LGUs and other stakeholders (NGAs, CSOs, etc.)	3	3	100%		205,000	205,000	205,000	100%	100%
		c. For Small-Scale Miners	2	2	100%						
		Linkages coordinated (no.)	12	19	158%	MOOE	135,000	135,000	135,000	100%	100%
2	National Mineral Reservation Program	Proposed Mineral Reservation areas endorsed (no.) (Target: All ROs)	1	1	100%	MOOE CO	1,194,000	1,194,000	1,194,000	100%	100%
3	Offshore Exploration	Area surveyed (no.)				MOOE					
003: ADAPTIVE CAPACITIES OF HUMAN COMMUNITIES AND NATURAL SYSTEMS IMPROVED - PROGRAM 1: GEOLOGICAL RISK REDUCTION AND RESILIENCY PROGRAM						TOTAL	23,048,563	23,046,674	22,105,895	9	9
						PS	4,989,000	4,989,000	4,989,000	1	1
						MOOE	18,059,563	18,057,674	17,116,895	8	8
						CO	-	-	-	-	-
OUTCOME INDICATOR 1:											
	Percentage of LGUs that included geohazard information in their Disaster Risk Reduction and Mitigation Plan, Comprehensive Land Use Plan, and/or Development Plans										
OUTCOME INDICATOR 1:											
	Number of cities and municipalities where vulnerability and risk assessment was conducted										
OUTCOME INDICATOR 2:											

CY 2018 EXTERNAL PHYSICAL AND FINANCIAL ACCOMPLISHMENTS
Mines and Geosciences Bureau Regional Office No. XIII
January 1 to December 31, 2018

P A P Code / Component Activity Statement		PERFORMANCE INDICATOR	PHYSICAL PERFORMANCE			FINANCIAL PERFORMANCE ('000)					
			Target	Accomp	% Acc	Expense Class	Allotment	Obligation	Disbursement	% BUR 1	% BUR 2
	Number of LGUs (cities/municipalities) provided with information, education and communication campaigns on										
OUTCOME INDICATOR 3:											
	Number of LGUs assessed for groundwater resources and vulnerability										
Program 1	Geological Assessment for Risk Reduction and Resiliency Program (Geoscience Development Services)					Sub-Total					
						PS	4,989,000	4,989,000	4,989,000	100%	100%
						MOOE	18,059,563	18,057,674	17,116,895	8	8
						CO	-	-	-	-	-
1	Geohazard Assessment - Identification and Mapping of						12,811,741	12,809,851	12,165,175	5	5
	Land Geological Assessment						12,611,595	12,609,706	11,965,030	4	4
	Field Mapping and Survey										
	a. Vulnerability and Risk Assessment (VRA)	LGUs (cities/municipalities) assessed (no.)	12	12	100%	MOOE	10,646,950	10,645,060	10,158,475	100%	95%
	b. Updating of 1:10,000 scale Geohazard Maps	LGUs (cities/municipalities) assessed (no.)	12	12	100%						
	c. Ground Subsidence Assessment	LGUs (cities/municipalities) assessed (no.)	1	1	100%	MOOE	268,000	268,000	255,540	100%	95%
	Conduct of IEC to LGUs	Seminars/Workshops for LGUs (no.)	14	14	100%	MOOE	1,123,306	1,123,306	977,675	100%	87%
	Printing of 1:10,000 scale maps	Mapsheets printed/produced (no.)				MOOE	573,340	573,340	573,340	100%	100%
	Coastal Geohazard and Impact of Climate Change						200,145	200,145	200,145	1	1
	Field Mapping and Survey (1:10,000 scale map)	Coastal Municipal LGUs (Cities/Municipalities) assessed (no.)				MOOE	200,145	200,145	200,145	100%	100%
2	Geologic Mapping						2,592,823	2,592,823	2,526,767	2	2
	Geological Mapping and Surveys - Quadrangle Mapping	Quadrangles assessed/surveyed (no.)	5	5	100%	MOOE	2,496,525	2,496,525	2,430,469	100%	97%
	Provision of Laboratory Services	Determinations made (no.)	15,000	18,970	126%	MOOE	96,298	96,298	96,298	100%	100%
3	Groundwater Resource and Vulnerability Assessment						2,655,000	2,655,000	2,424,952	1	1
	Groundwater Resource Assessment	LGUs assessed (no.)									
	a. Province		2	2	100%	MOOE	2,655,000	2,655,000	2,424,952	100%	91%
						CO					

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ANNEX C: GENDER & DEVELOPMENT



Gender & Development

The Mines and Geosciences Bureau, Regional Office No. XIII in Surigao City has been a vanguard in regulating the mineral industry in Caraga. The benefits of mining in the region has significantly contributed to its economic growth in terms of revenue collections, jobs creation, infrastructures and other economic enterprises' build-up. Thus, it paved the way in improving the quality of life of the people.

MGB R-XIII covers 28 mining companies under its jurisdiction in which eighteen (18) are operating ; seven (7) mining companies are under care and maintenance; two (2) mining firms are on temporary shutdown; and one (1) company has no operation. There are seven (7) operating companies in Surigao del Norte; four (4) in Surigao del Sur; two (2) in Agusan del Norte; two (2) in Agusan del Sur; and thirteen (13) in the Province of Dinagat Islands. These mining companies produce commodities like nickel, iron, limestone, silica, gold, silver, chromite, and mixed sulfides of nickel and cobalt.

CY 2018 has been a year of earnestly working together in the accomplishment of targets. It is filled with challenges and opportunities on mineral resources development in Caraga.

The unending support of top management coupled with the commitment and dedication of the women and men of MGB RXIII have played a vital role in the realization of its PPAs set for CY 2018.

Employment from MPSA in Caraga Region generated 20,363 of which 90.7% are male and 9.3% are female. (Reference: Monthly Production and Sales Report CY 2018 from MGB, R-XIII Mineral Economics Data)

Awareness and advocacy campaigns addressing issues on mining and geology have been intensified. The active collaboration among mining stakeholders in the host and neighboring mining communities on the various programs/projects of mining companies has been enjoined. The strict compliance of the conditionalities of mining permits, agreements, mining regulations as embodied in Republic Act 7942 otherwise known as the "Philippine Mining Act of 1995" and its IRR has been enforced,





monitored and reported to improve environmental and social performance.

MGB RXIII is a male-dominated government agency with a total manpower complement of 112 (54 or 48% regular employees and 58 or 52% contractual, 9 of which are embedded personnel).

TYPE	FEMALE	MALE	TOTAL
Regular	22	32	54
Contractual	29	29	58
TOTAL	51	61	112

Female employees = 51 or 45%
Male Employees = 61 or 55%

Flexi time is being practiced in the regional office. Attendance of employees to seminars, conferences, fora and meetings has been based on one's qualifications, work responsibilities and the capability building needs of one's job.

The Gender and Development Point System of MGB, R-XIII in pursuing for gender equality and women empowerment resolved to recognize the important role women play in various aspects of development. Networking with local government units (LGUs), national line agencies (NLAs), mining companies, civil society, academe, church, and media has been a key to sustain its GAD initiatives.



MGB RXIII GAD Focal Point is a member of the following, to wit: Regional Development Council-Gender and Development Committee (RDC-GADC), Caraga; LGU-Surigao City GAD Committee; and LGU-Surigao del Norte GAD Committee. GAD meetings, GAD assembly and other GAD-related activities were attended.



As GAD Chair, she has made representation as member in the Human Resource Merit Promotion and Selection Board (HRMSPB), Committee on Decorum and Investigation (CODI), Personnel Evaluation Review Committee (PERC), Grievance Committee, to mention a few. Moreover, in areas such as environmental protection and social development.



The GADFPS conducted **Information Campaign on Magna Carta of Women (R.A. 9710)** to increase the level of public awareness and to promote the advancement of women's human rights based on the provisions of the United Nations-Convention on the Elimination of All Forms of Discrimination Against Women (UN-CEDAW). And most importantly, to help draw attention to other mounting issues on the plight of our Filipino women in the areas of safety, health, economic, environmental, social and political development. A Lecture on R.A 9710 was conducted during the conduct of the IEC in VRA.



MGB RXIII participated in this year's observance of the **WOMEN'S MONTH** in March with the theme : **"We make Change Work for Women"**.

MGB RXIII GAD Focal Point System has geared up various in-house activities to show support and heighten awareness on the celebration of the Women's Month like distribution of advocacy T-shirts; information campaign of the celebration during a Monday forum in the office by discussing its legal mandates, history and significance; and putting up of a tarpaulin at the entrance gate of the office building.



Furthermore, MGB RXIII GAD Focal Point System conducted the Film Seminar on the award winning advocacy film “BOSES” last March 15, 2018 at MGB Training Center.

In addition, MGB RXIII GADFPS conducted the We Make Change in the Minerals Industry : Women Inspiring Women Forum at the Philippine Gateway Hotel last March 16, 2018. This event was participated by mostly women from the mining companies in Caraga.



MGB RXIII personnel especially the ladies bonded with the personnel from local government units (LGUs) (province/city), Philippine National Police (PNP), PhilHealth, Surigaodel Norte Electric Cooperative (SURNECO), PENRO-Surigao del Norte, CENRO-Surigao City, Surigao Metropolitan Water District (SMWD), & other women organizations in several inter-agency activities such as joining the motorcade, Thanksgiving Mass; Zumba, attendance to fora & the Culminating Program sponsored by the Surigao Norte Provincial GAD Committee.

MGB RXIII Dinagat Satellite Office took part in a Coastal Clean-up on April 20, 2018 At brgy. Sanat Cruz, Municipality of San Jose, Province of Dinagat Islands in observance of the Earth Day Celebration which theme revolves on “End Plastic Pollution”.

MGB RXIII GADFPS conducted last May 8, 2018 a Forum on R.A. 7877 otherwise known as the Anti-Sexual Harassment Act of 1995 held at MGB XIII Training Center.

R.A. 7877 upholds the State policy to value the dignity of every human individual to guarantee full respect for human rights, and to preserve the dignity of students, workers, trainees, employees and those seeking employment.

DENR Environment Month Celebration in June . Theme: “Beat Plastic Pollution: If you can’t Reuse It, Refuse It “



Tarpaulin was displayed at the entrance Gate during the whole month in June. MGB RXIII participated in the 2018 DENR Sportsfest in Butuan City.

Caraga Mine Environmental Management Council and MGB RXIII spearheaded the 2018 Environment Month Culminating Activities of Caraga Minerals Industry last June 28-29, 2018 at the University of Saint Paul -Surigao.

July 2018 is the National Disaster Resilience Month. Activities participated were: motorcade, Thanksgiving Mass and hanging of the tarpaulin to signify support of the celebration.

Some personnel also attended the Opening Ceremony of the 2018 Regional Science and Technology Week (DOST) while selected employees also participated the Fun Run to show support for Breast Cancer awareness.

MGB RXIII GAD Focal Person also attended the Annual MGB GAD Planning Workshop in Manila last November 11-16, 2018.

18 Day Campaign To End Violence Against Women last November 25-December 12, 2018

MGB, R-XIII GADFPS posted streamer at the gate to show support of the occasion. Advocacy shirts printed with the logo/theme of said celebration soon to be distributed to the employees. Women and men in MGB, R-XIII actively joined in several activities conducted by the GADFPS / in inter-agency participation like: Fun Walk; Forum on the Magna Carta of Women / VAWC Awareness; Candle Lighting during the





International Human Rights Day and the 70th Anniversary of the Universal Declaration of Human Rights; Women Summit; and Cine Juana Film Showing.

MGB RXIII conducted a Forum on Women Laws at the Bureau of Jail Management and Penology - Surigao del Norte District Jail at the Provincial Capitol in Surigao City. There were 405 inmates being shared with Snacks during the Jail Visit.

Guesting on the Radio Program on “Katilingban ug Kinaiyahan” last December 6-7, 2018 to discuss on the awareness about the 18 Days Campaign to End Violence against Women and Children and how we can help to stop VAW and live in a VAW free community.



Attendance to the International Human Rights Day and the 70th Anniversary of the Universal Declaration of Human Rights last December 10, 2018 in Butuan City

MGB RXIII GADFPS joined in the IEC Campaigns on the Results of the Vulnerability Risk Assessment by distributing GAD-related IEC materials : Laws on Women as well as Give a presentation on the Magna Carta of Women.

Personnel and staff of MGB-XIII attended other celebrations like : Independence Day – June 12, 2018; Surigao City Charter Day – August 31, 2018; Fiesta National Line Agencies Night – September 7, 2018; Earthquake Drill; Rizal Day - December 30, 2018, etc



Several MGB-XIII staff and employees attended the 2018 Annual PMSEA in Baguio City last November 21-23, 2018 in Baguio City

MGB RXIII GAD Focal Person attended interviews and deliberations in the selection and promotion of applicants for possible employment in MGB RXIII.

MGB, Regional Office No. XIII, Surigao City has strong organizations like the MGB Employees Association (MGBEA) chaired by MS. CECILIA L. CONSUEGRA and the MGB Employees Multi-Purpose Cooperative (MGB-XIII EMPC) with MR. CARL ORVEN ELUDO as Chair.