

HO: 3/F DMCI Homes Corporate Center, 1321 Apolinario St., Brgy. Bangkal, Makati City Philippines 1233 Tel Nos. (02) 823-7963 / (02) 831-6237

PLO: 156 Manalo St. Puerto Princesa City Tel No. 717-3034 / 434-9599



October 9, 2023

#### FELIZARDO A. GACAD, JR.

Regional Director
Mines and Geosciences Bureau
Office No. IVB (MIMAROPA)
7F DENR Building, 1515 Roxas Blvd.
Ermita, Manila



RECORDS SECTION

**EMB-MIMAROPA REGION** 

Subject:

**FMRDP Accomplishment Report** 

Dear Regional Director Gacad:

We are pleased to submit to your good office the Quarterly Final Mine Rehabilitation and Decommissioning Plan (FMRDP) – Accomplishment Report of Berong Nickel Corporation (BNC) covering the months of July to September Year 2023.

We hope that you find the document in order.

Sincerely,

RAMONINAMUEL R. BRIONES

Vice President - Operations

Cc: Director

Mines and Geosciences Bureau

Director

**Environmental Management Bureau** 

Regional Director

Environmental Management Bureau MIMAROPA

Environmental Management Bureau MIMAROPA





#### 1. Contingent Liability and Rehabilitation Fund (as of September 30, 2023).

ТҮРЕ	BANK ACCOUNT NAME AND NUMBER	COMMITTED AMOUNT AS PER MOA	REMAINING BALANCE IN THE GOV'T DEPOSITORY BANK	REMARKS
REHABILITATION CASH FUND (RCF)	Land Bank of the Philippines 1792-1027-40	5, 027, 708.85	5,032,646.92	Complied
MONITORING TRUST FUND (MTF)	Land Bank of the Philippines 1792-1026-85	150,000.00	151,690.79	Complied
ENVIRONMENTAL TRUST FUND (ETF)	Land Bank of the Philippines 1792-1026-93	50,000.00	210,078.21	Complied
FINAL MINE REHABILITATION AND DECOMMISSIONING FUND (FMRDF)	Land Bank of the Philippines 1792-1037-38	110,909,970.00	75,372,806.88	Complied





FMRDP activities	Annual Budget, Php.	Variance	Expenses (as of August 2023)
1. Land Preparation	35,665,120	26,167,810.00	9,497,310.00
2. Mine-Wide Rehabilitation	14,091,239.22	8,700,234.22	5,391,005.00
3. Safety and Health Program	2,651,925.00	2,481,544.02	170,380.98
4. Monitoring and Inspections	2,312,900.00	1,659,080.00	653,820
TOTAL	54,721,184.22	39,008,668.24	15,712,515.98













Bank certificate as of September 30, 2023

#### 2. Mining Forest Project

For the Quarter 1 of the Year two FMRDP Implementation (July-September), BNC conducted series of tree planting activities together with the Local Government Unit (LGU) Barangay Berong and one of BNC's Manpower agencies within the Mine Rehabilitation area of the company. A total of 26, 580 various species of seedlings such as Agoho, Anagdong, Aripa, Bagtik, Balite, Baslayan, Batino, Binunga, Bonsikag, Borais, Camansi, Coffee, Daligan, Dinggan, Duhat, Korompi, Magbahing, Malada, Mountain Agoho, Palomaria, Palyan red, Palyan white, Peresian Baguio, Salong, Tamesan and Tongkat Ali were planted for this period.





Installation of Coco-coir net in Mine Rehabilitation areas









Land preparation (Slope Stabilization-bench correction works)















BNC's Mine Progressive Rehabilitation









Bore Holing and Lay-outing works









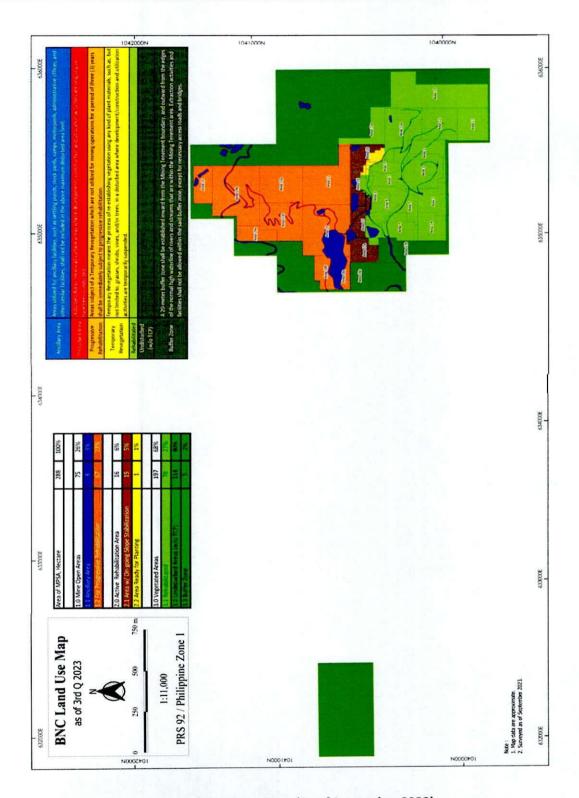




Tree Planting activities







**BNC Land Use Map (As of September 2023)** 





#### 2.3. Nursery Operation

For the quarter 1 of the Year 2 FMRDP implementation, BNC nursery was able to produce a total of 23,915 various species of seedlings such as Agoho, Bakhaw Babae/Lalaki & Tangal, Daligan, Gmelina/Paper tree, Kandis, Korompi, Mahogany, Maraapog, Narra, Palyan Red/Udling, Palyan White, among others all hardened and ready for out-planting for BNC's Mining Forest Program, Final Mine Rehabilitation. For wildings collection, a total of 25, 683 various species of wildlings such as Agoho, Aripa, Batino, Dingin, Malabayabas, Malada, Mt. Agoho, Palawan Agoho, among others were collected in areas within Barangay Berong. Further, BNC was able to collect a total of 5, 257 seeds this quarter. To date, BNC's nursery has a total balance in stock of 82, 458 diverse species of seedlings.

HARDENED						
MONTH	QTY	SPECIES				
July	5,318					
August	12,470	Agoho, Atis, Bagtik, Balite, Baslayan, Batino, Bayabas, Binunga, Bonsikag, Golden Shower, Korompi,				
September	6,127	Mahogany, Mt. Agoho, Nickel Tree, Palawan Agoho, Palyan Red, Palyan White, Petag, Taarangan, Tongkat Ali				
TOTAL	23,915	. a.ya a.ya				

WILDLINGS COLLECTION					
MONTH	QTY	SPECIES			
July	9,853	A de Asia Balian Balian Bianta Kananai			
August	10,710	<ul> <li>Agoho, Aripa, Batino, Daligan, Dinggin, Korompi,</li> <li>Malabayabas, Malada, Maupas, Mt. Agoho, Palawan</li> <li>Agoho, Palyan Red, Palyan White, Peresian Baguio,</li> </ul>			
September	5,120	Salong, Saramputi, Taarangan			
TOTAL	25,683				

Seed Collection					
монтн	QTY	SPECIES			
July	0				
August	3,292				
September	1,965	Langka, Marang, Romarao			
TOTAL	5,257				





SOIL MEDIA PRODUCTION						
MONTH	Carbonated Rice Hull, sack	Vermi Cast Produce, sack	Potting Soil			
July	46		4,554			
August	26	1	7,980			
September	44	1	4,678			
TOTAL	116	2	17, 212			

	No. of S	eedlings		No. of Seedlings Out-Planted		No. of seedling Balance		
				Planted for the	Replanted for the		s donated	Stocks
Previous Stocks	Produce d	Acquired	Total	Year*	Year	Mortality		
103,075	23,915	0	126,990	21,616	4,800		4,162	82,458

	Old	Plantation Category							
		Recent				Latest	Sub- total		
Aspect	( <jj20)< th=""><th>JD20- JJ21</th><th>JD21- JJ22</th><th>JD22- JJ23</th><th>Sub- Total</th><th>JD23- JJ24</th><th>(Recent + Latest)</th><th>Grand Total</th></jj20)<>	JD20- JJ21	JD21- JJ22	JD22- JJ23	Sub- Total	JD23- JJ24	(Recent + Latest)	Grand Total	
No. of Seedlings Planted	1,254,050	209,357	1,25,314	146,524	481,195	41,398	522,593	1,776,643	
No. of Seedlings Replanted	500	58,142	62,750	66,700	187,592	4,800	192,392	192,892	
No. of Surviving Plants	1,254,000	203,543	124,687	139,854	462,436	40,918	503,354	1,757,354	
Survival	99.9	97.22	99.49	95.44	96.10	98.84	96.31	98.91	







**BNC Central Nursery** 



Soil media preparation



Transferring collected wildlings on polybags



Carbonized Rice Hull Production



Seeds collected



Vermi-cast production





Gulayan sa Minahan Project







#### 3. Rehabilitation site preparation (installation of coco coir nets and geotextile clothing)

For this period (July-September), the BNC thru its Mine Environmental Protection and Enhancement Office (MEPEO) was able to install a total of 146 pieces of coco-coir net within the mine rehabilitation area, while 2,193 cubic meters of silt were properly collected/dredged in BNC's haul road kilometer 13.

Table 4. Siltation/Erosion Control

Period	Volume of Silt Collected			
renou	(cu.m)	Geotextile (m)	Coconet (pcs) 2x50 m	Cocologs (pcs.)
July-September	2,193	0	146	0

#### 4. Other Activities





Attended and presented the accomplishments of BNC during 2<sup>nd</sup> Quarter 2023 Mine Rehabilitation Fund Committee (MRFC) meeting last July 6, 2023 in Hue Hotel, Puerto Princesa City, Palawan.















Provided logistics and technical assistance during the Multi-Partite Monitoring Team (MMT) second quarter validation and third quarter air, noise and water sampling on August 22-25, 2023.





Accommodated officials from the Local Government Unit (LGU)-Aboraln on their Lakbay Aral visit in BNC's on-going FMRDP implementation last September 5, 2023.









Accommodated officials from the Local Government Unit (LGU)-Barangay Berong on their Lakbay Aral visit in BNC's on-going FMRDP implementation on September 8, 2023.









Attended and presented the accomplishments of BNC during 3<sup>rd</sup> Quarter 2023 Mine Rehabilitation Fund Committee (MRFC) meeting last September 21, 2023 in Hue Hotel, Puerto Princesa City, Palawan.



Presented the proposed Final Mine Rehabilitation and Decommissioning Plan (FMRDP) fund for year 2 FMRDP implementation to the Contingent Liability and Rehabilitation Fund and Steering Committee (CLRFSC) on September 29, 2023.

Prepared by:

JAY PEE R. DELA CRUZ MEPEO/PCO