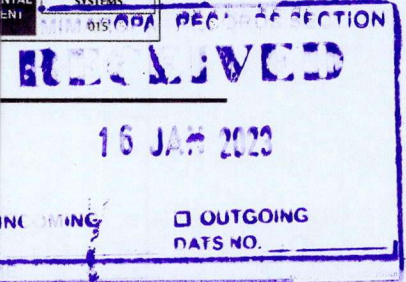




HO: 3/F DMCI Homes Corporate Center,
1321 Apolinario St., Brgy. Bangkal,
Makati City Philippines 1233
Tel Nos.: (02) 823-7963/(02) 831-6237

PLO: 156 Manalo St. Puerto Princesa City
Tel No.: (048) 434-9599



January 12, 2023

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



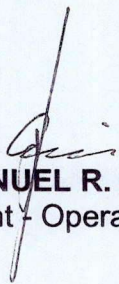
Subject: 2nd Sem 2022 Mining Forest Program

Dear Regional Director Noble:

We are pleased to submit to your good office the **Mining Forest Program (MFP) Semi-Annual Report** of Berong Nickel Corporation for the Second Semester of 2022 covering the months July to December.

We hope that you find the documents in order.

Sincerely,


RAMON MANUEL R. BRIONES
Vice President - Operations

Cc: MGB Central Office
FMB MIMAROPA
FMB Central Office
EMB MIMAROPA
EMB Central Office

MINING FOREST PROGRAM
Validation Report
 (From July 2022 to December 2022)

- I. **NAME OF COMPANY** : Berong Nickel Corporation
Location : Brgy. Berong, Quezon, Palawan
Tenement No. : MPSA 235-2007-IVB
Year Mining Forest Program was Initiated: 2007

II. **ACCOMPLISHMENTS:**

- A. **DEVELOPMENT PLANS:** ☒ Long-Range Plan ☒ Annual Plan
 • EPEP, AEPEP and 3YDWUP

B. **NURSERY OPERATIONS:**

☒ Own Nursery / / Joint Venture ☒ Acquired from Other Sources

Name of Nursery	Area (m ²)	Capacity (No. of seedlings produced) *
BNC Central Nursery	20,500	500,000
BNC Mine Area Sub-Nursery	1,300	25,000

Note: * At least 1-ft plantable size

Seedling Inventory for the Year

No. of Seedlings				No. of Seedlings Out-Planted		No. of Seedlings Donated	Balance in Stocks
Previous Stock as of Dec.2022	Seedlings Produced	Acquired	Total	Planted for the Year	Replanted for the Year		
71,976	79,504	8,917	160,397	34,606	*37,760	15,213	66,133

*Mangroves planted on open spaces within and adjacent to the current plantation

C. **EXTENT OF PLANTED AREAS (ha)**

EXTENT of PLANTED AREAS				HECTARES (ha)
Total Area Planted to Date				
	Progressive Rehabilitation (Mined Out)			45
	Reforestation/Afforestation			79
		Within MPSA		
			Enhancement Plantation	0
			Temporary Revegetation	0
			Other Plantation*	0
		Outside MPSA		
			National Greening Program (NGP)	124.43
Previous Plantation				705.29
New Plantations/Expansions				58.58
TOTAL				763.87

New Plantation (ha)	Q3(2022)	Q4(2022)	Q1(2023)	Q2(2023)	TOTAL
Progressive Rehab	7.82	9	0	0	16.82
Enhancement	0	0	0	0	0
Temp. Revegetation	0	0	0	0	0
Other Plantation*	12.25	12.18	0	0	24.43
NGP	13.02	4.29	0	0	17.31
TOTAL	33.09	25.47	0	0	58.56

*Other re-greening/revegetation activities required by DENR (i.e., STCP, Carbon Sink Program, etc.)

NGP Accomplishment:

Year	Reforestation Establishment (ha.)	Donation (ha.) (No. Seedlings donated/500= No. of Hectares)	Total (ha.)
2011	0.31	4.8	5.11
2012	0.25	6.0	6.25
2013	106.67	6.4	113.07
Grand Total			124.43

Note: NGP for mine sector is only from 2011-2013 based on MGB Memorandum Order 2012-01.

Donated seedlings under NGP

Year	No. of Seedlings	Remarks
2014	22,655	Agro-forestry and donations
2015	23,859	Agro-forestry and donations
2016	72,227	Agro-forestry and donations
2017	36,159	Agro-forestry and donations
2018	28,035	Agro-forestry and donations
2019	79,548	Agro-forestry and donations
2020	42,880	Agro-forestry and donations
2021	19,931	Agro-forestry and donations
2022	39,930	Agro-forestry and donations

D. DISTURBED AREAS (ha)

1. Areas directly affected by the operations

Actual Disturbed Areas		Area (ha)
A	Mining Areas	38
B	Mined-out Areas	45
C	Road Networks	4.27
D	Ancillary Areas	25
	1. Mine Camp/Facilities	
	2. Stockyards	16.99
	3. Other Ancillary Facilities	
	4. Environmental Structures	
	4.1 Silt ponds	3.44
	4.2 Nurseries	
	4.3 Drainage System	
TOTAL		107.7

2. Environmental Incidence Resulting to Damages

	Yes	Area Affected (ha)	No
a. Tailings dam failure			X
b. Waste dump failure			X
c. Shrinkage/subsidence			X
d. Induced slides			X
e. Others (specify)			
T o t a l			

(Note: Exclude areas that were previously rehabilitated.)

E. MAINTENANCE AND PROTECTION

1. Plantation Activities

Aspect	Old	Plantation Category						Grand Total
	(<JJ19)	Recent				Latest	Sub-total	
		JD19-JJ20	JD20-JJ21	JD21-JJ22	Sub-Total	JD22-JJ23	(Recent + Latest)	
No. of Seedlings Planted	938,937	301,621	180,088	93,957	575,666	34,606	610,272	1,549,209
No. of Seedlings Replanted	115,444	3,800	58,142	43,050	104,992	37,760	142,752	258,196
Total No. of Seedlings Planted	1,054,381	305,421	238,230	137,007	680,658	72,366	753,024	1,807,405
No. of Surviving Plants	927,392.6	301,241	174,273.8	89,652	565,166.8	37,138	595,996.8	1,523,389.4
Survival	98.77	99.87	96.77	95.41	98.17	89.08	97.66	98.33

Aspect	Old	Plantation Category						Grand Total
	(<JJ19)	Recent				Latest	Sub-total	
		JD19-JJ20	JD20-JJ21	JD21-JJ22	Sub-Total	JD22-JJ23	(Recent + Latest)	
Progressive Rehabilitation (Mined Out)	209,341	34,673	56,290	30,315	121,278	28,336	149,614	358,955
Buffer Zone/Green Belt Establishment	141,645	278	11,560	1,338	13,176	1,100	14,276	155,921
Agroforestry Project	86,853	51,652	14,950	3,954	70,556	5,170	75,726	162,579
Adopt-A-Mangrove Forest Project	616,542	218,818	155,430	101,400	475,648	37,760	513,408	1,129,950
Total	1,054,381	305,421	238,230	137,007	680,658	72,366	753,024	1,807,405

Note: For old plantation, consider four (4)-year old growth and above.

For recent plantation, consider one (1)-year to three (3)-year old growth.

For latest plantation, consider those for the periods July-Dec of the previous year and/or Jan-June of the current year.

2. No. of Persons Involved

- a. No. of company foresters : 0
- b. No. of deputized forest guards (or DENROs) : 10
- c. No. of reforestation personnel : 86
- d. No. of local residents involved (community involvement) : 112

3. Vigorousness: / / Highly Vigorous /X/ Vigorous

4. Maintenance and Protection

Activities	Yes	No	Coverage (ha)
Patrol work	X		20
Firebreak Plantations	X		20
Organic fertilizer application	X		20
Others			

F. OTHER ENVIRONMENTAL FACTORS

1. Species Diversity

Tree Species	Scientific Name	Spacing (m x m)
Indian Lanutan	<i>Polyalthia longifolia</i>	1x1

Para Rubber	<i>Hevea brasiliensis</i>	2x8
Narra	<i>Pterocarpus indicus</i>	5x10
Beach Agoho	<i>Casuarina equisetifolia</i>	5x10
Mt. Agoho	<i>Gemnostoma rumphiana</i>	5x10
Palawan Agoho	<i>Ceuthostoma palawanense</i>	5x10
Ipi	<i>Intsia bijuga</i>	5x10
Udling	<i>Hance's syzygium</i>	1x1
Malakauayan	<i>Podocarpus rumphii Blume</i>	1x1
Malada	<i>Lauracea sp.</i>	1x1
Saket	<i>Terminalia catappa</i>	5x10
Kapok	<i>Ceiba pentandra</i>	5x10
Malugai	<i>Pometia pinnata</i>	5x10
Kupang	<i>Parkia javanica</i>	5x10
Marang	<i>Artocarpus odoratissimus</i>	5x10
Kalumpit	<i>Terminalia sp.</i>	5x10
Malakalumpit	<i>Terminalia calamansanai</i>	1x1
Korompi	<i>Parkia speciosa</i>	1x1

2. Research/Studies on reforestation conducted:

Is there any research/study on reforestation conducted?

// (Attach copy(ies).) / ☒ / None

3. Services to the Community

Is there any reforestation assistance extended by the Company to the Community during the period under review?

If assistance was by seedling donation, specify how many seedlings were donated.

Donated 15,213 seedlings of various species to different individuals and residents of the impact community including those provision of seedling intended for tree planting activities of the academe and LGUs.

4. Other Conservation Measures

a. Landscaping of mine and/or plant site surroundings?

Yes ☒ Area 10 has. No ☐

b. Use of vines and grasses for initial rehabilitation?

Yes ☒ Area has. No ☐

Specify type/kind of vines/grasses: Tikog-tikog and Rattan

c. Establishment of herbal and ornamental garden:

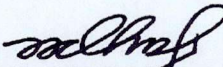
Yes ☒ Area: Ornamental Garden 0.25has
Herbal Garden 150sqm
Vegetable Garden 2500sqm

5. Wildlife and Faunal Migration:

Is there an actual sighting of wildlife/fauna in the reforestation area during validation?

Yes. The following wildlife/fauna were observed (seen or heard) during the validation: Katydid, Butterflies, Sunbird, Flycatchers, Crows, Orioles, Squirrels, and Green Crested Lizards.

Prepared by:


JAY PEE R. DELA CRUZ
MEPEO/PCO

BNC Land Use Map (as of 4th Quarter 2022)

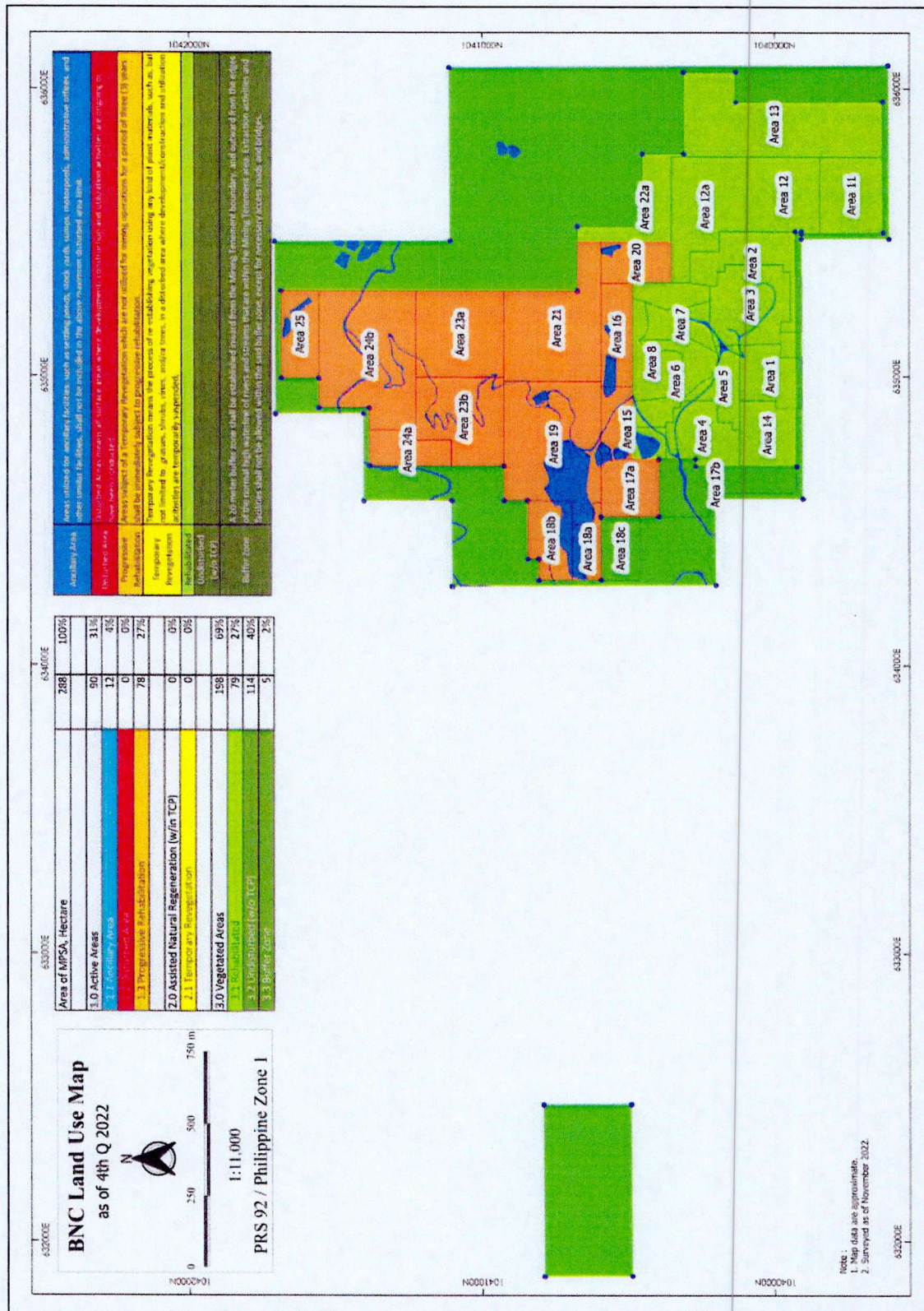


PHOTO DOCUMENTATION



BNC Progressive Mine Rehabilitation



Bench/Slope Correction Works



Installation of Coco coir Mats on benches



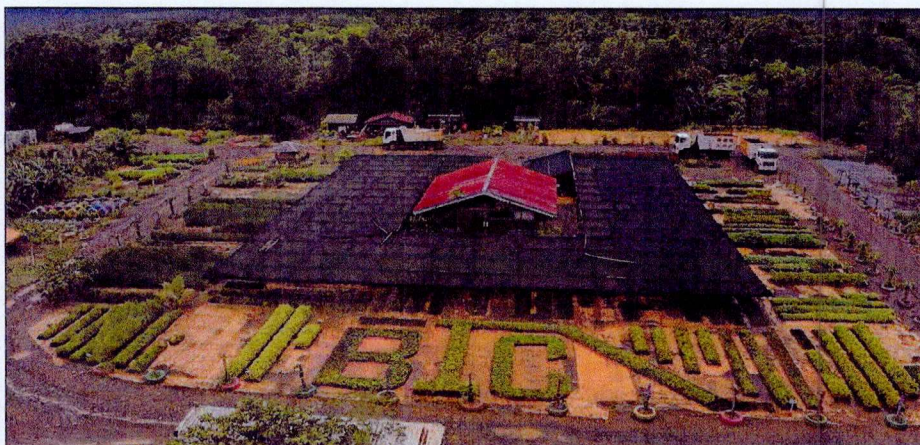
Progressive Mine Rehabilitation (Tree planting Activity @ Area 06, 07, 11, 12 and Area 14)



Adopt-A-Mangrove Forest Project in Brgy. Panitian, Quezon, Palawan



Adopt-A-Mangrove Forest Project in Brgy. Tabon, Quezon, Palawan



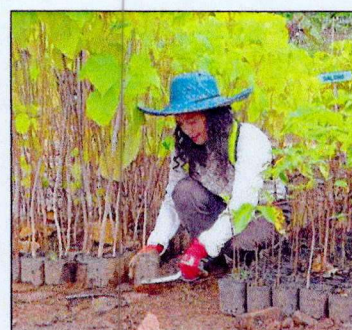
BNC Central Nursery



Propagation of indigenous forest trees



Carbonized Rice Hull Production



Root Pruning of Planting Materials



Gulayan Sa Minahan Project



Agroforestry Project / Seedlings Donations



Tree Planting during the 3Q 2022 MMT Validation / Inspection



BNC received a Certificate of Recognition from the Local Government Unit (LGU) Quezon, Palawan in the recently conducted "Gawad Parangal para sa Kalikasan 2022" last December 14, 2022.



Berong-Aramaywan Tribal Association (BATA) council's site visit/tour, as part of the company's Information, Education and Communication (IEC) campaign last October 15, 2022.



Local Journalists site visit to Berong Nickel Project's mine rehabilitation area last October 1, 2022