



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

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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



Dear Regional Director Gacad:


We are pleased to submit to your good office the **National Greening Program (NGP)** Accomplishment Report of Berong Nickel Corporation (BNC) for the 3rd Quarter of the year 2023.

We trust that you find the document in order.

Very truly yours,


RAMON MANUEL R. BRIONES
Vice President - Operations

RECORDS SECTION
EMB-MIMAROPA REGION

10/11/23
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 2:28pm

Cc: **Director**
Mines and Geosciences Bureau

Director
Environmental Management Bureau

Regional Director
Environmental Management Bureau MIMAROPA

Regional Director
Forest Management Bureau

CENRO
Quezon, Palawan

NATIONAL GREENING PROGRAM
Validation Report
 (From July to September 2023)

- I. NAME OF COMPANY : BERONG NICKEL CORPORATION**
Location : Sitio Badlisan, Barangay Berong, Quezon, Palawan
Tenement No. :
Year National Greening Program was Initiated: 2011

II. ACCOMPLISHMENTS:

II.A Nursery Operation

Seedling Produced/Hardened

Month	Qty	Species
July	5,318	Agoho, Atis, Bagtik, Balite, Baslayan, Batino, Bayabas, Binunga, Bonsikag, Golden Shower, Korompi, Mahogany, Mt. Agoho, Nickel Tree, Palawan Agoho, Palyan Red, Palyan White, Petag, Taarangan, Tongkat Ali
August	12,470	
September	6,127	
Total, Qtr	23,915	

Seed Collection

Month	Qty	Species
July	-	Langka, Marang, Romarao
August	3,292	
September	1,965	
Total, Qtr	5,257	

Wildlings Collection

Month	Qty	Species
July	9,853	Agoho, Aripa, Batino, Daligan, Dinggin, Korompi, Malabayabas, Malada, Maupas, Mt. Agoho, Palawan Agoho, Palyan Red, Palyan White, Peresian Baguio, Salong, Saramputi, Taarangan
August	10,710	
September	5,120	
Total, Qtr	25,683	

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, Qtr	116	2	17,212

II.B NGP Plantation

SEEDLING DONATION

Month	Qty	Total ha	Species	Remarks
July	164	0.08	Atis, Bayabas, Cacao, Coffe, Gmelina, Golden Shower, Guyabano, Ipil, Langka, Mahogany, Narra, Palawan Agoho, Palyan Red, Palyan White, Sibukaw, Suha, Tongkat Ali	Donated various species seedlings to different individuals and residents of the impact community
August	3,621	1.81		
September	377	0.18		
Total, Qtr	4,162	2.07		

MINE REHABILITATION PROJECT - INSIDE MPSA (PLANTED)

Month	Qty	Total ha	Species	Remarks
July	10,654	2.13	Agoho, Anagdong, Aripa, Bagtik, Balite, Baslayan, Batino, Binunga, Bonsikag, Borais, Camansi, Coffe, Daligan, Dinggen, Duhat, Korompi, Magbahing, Malada, Mt. Agoho, Palomaria, Palyan Red, Palyan White, Peresian Baguio, Salong, Tamesan, Tongkat Ali	Planted at Area 15 and Area 20
August	6,762	3.49		
September	9,164	1.83		
Total, Qtr	26,580	7.45		

ADOPT -A- MANGROVE FOREST PROJECT - REPLANTED

Month	Qty	Total ha	Species	Remarks
July	-	0.00	Bakhaw babae/lalaki & Tangal	Replanted on a mangrove plantation in Brgy. Tabon, in Quezon, Palawan.
August	-	0.00		
September	4,800	0.48		
Total, Qtr	4,800	0.48		

A. DEVELOPMENT PLANS: / ☒ / Long-Range Plan / ☒ / Annual Plan
 • EPEP and FMR/DP

B. NURSERY OPERATIONS:

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

Name of Nursery	Area (m ² /ha)	Capacity (No. of seedlings produced)*
BNC Central Nursery	20,500	500,000

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 Stocks	Produced	Acquired	Total	Planted for the Year*	Replanted for the Year	Mortality		
103,075	23,915	0	126,990	21,616	4,800		4,162	82,458

C. EXTENT OF PLANTED AREAS (ha)

EXTENT of PLANTED AREAS				HECTARES (ha)
Total Area Planted to Date				
	Progressive Rehabilitation (Mined Out)			78
	Reforestation/Afforestation			78
		Within MPSA		0
		Enhancement Plantation		0
		Temporary Revegetation		1
		Other Plantation*		0
		Outside MPSA		
		National Greening Program (NGP)		550.10

Previous Plantation					800.08
New Plantations/Expansions					10.01
TOTAL					810.08
New Plantation (ha)	Q1(2023)	Q2(2023)	Q3(2023)	Q4(2023)	TOTAL
Progressive Rehab	0	11	7.45	0	18.45
Temp. Revegetation	0	0	0	0	0
Other Plantation*	0	7.95	0	0	7.95
NGP	23.04	14.09	2.56	0	39.69
TOTAL	23.04	33.04	10.01	0	66.09

*Other re-greening/revegetation activities required by DENR (i.e., STCEP, 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
2023	49,941	Donations

D. DISTURBED AREAS (ha)

1. Areas directly affected by the operations

Actual Disturbed Areas		Area (ha)	
A	Mining Areas	38	
B	Exploration Area	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		
E	Others		
TOTAL		132.7	

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
	(<JJ20)	Recent				Latest	Sub-total	
		JD20-JJ21	JD21-JJ22	JD22-JJ23	Sub-Total	JD23-JJ24	(Recent + Latest)	
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

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)	:	9
c. No. of reforestation personnel	:	90
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
Forest law enforcement		x	160
Fireline establishment	x		20
Firebreak Plantations	x		20
Brushing/weeding/mulching/pruning	x		40
Organic fertilizer application	x		20
Water spraying	x		
Pest Control		x	
Others			

F. OTHER ENVIRONMENTAL FACTORS

1. **Species Diversity**

Tree Species	Spacing (m x m)
Indian Lanutan	1x1
Para Rubber	2x8
Narra	5x10
Beach Agoho	5x10
Mt. Agoho	5x10
Palawan Agoho	5x10
Ipil	5x10
Udling	1x1
Malakauayan	1x1
Malada	1x1
Saket	5x10
Kapok	5x10
Malugai	5x10
Kupang	5x10
Marang	5x10
Kalumpit	5x10
Malakalumpit	1x1
Korompi	1x1

2. **Research/Studies on reforestation conducted:**

Is there any research/study on reforestation conducted?
 /___/ (Attach copy(ies).) / x / None

3. **IEC on reforestation:**

Is there any IEC activities (in the form of publication, public dissemination, lectures, etc.) initiated for the Community? (Attach photocopy/ies of publication and other IEC papers.)

4. **Services to the Community**

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

If yes, enumerate and specify the kind and value of assistance extended.

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

Donated 4,162 seedlings of various species to different individuals and residents of the impact community, including those provided as seedlings intended for tree planting activities in LGUs.

5. Other Conservation Measures

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

If yes, enumerate and specify the kind and value of assistance extended.

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

- b. Landscaping of mine and/or plant site surroundings?

Yes X Area 10 has. No

- c. Use of vines and grasses for initial rehabilitation?

Yes X Area has. No

Specify type/kind of vines/grasses:

- d. Establishment of herbal and ornamental garden:

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

6. Wildlife and Faunal Migration:

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

Validated by:

ENGR. AL JANRY S. TUAZON / MR. RENATO S. GONZAGA
DENR-MGB REGION IVB / OIC DENR-CENRO QUEZON

Conforme:



JAY PEE R. DELA CRUZ
MEPEO/PCO
Berong Nickel Corporation

October 9, 2023
Date



MARC RAYMUND L. ZAMORA
Resident Manager
Berong Nickel Corporation

October 9, 2023
Date

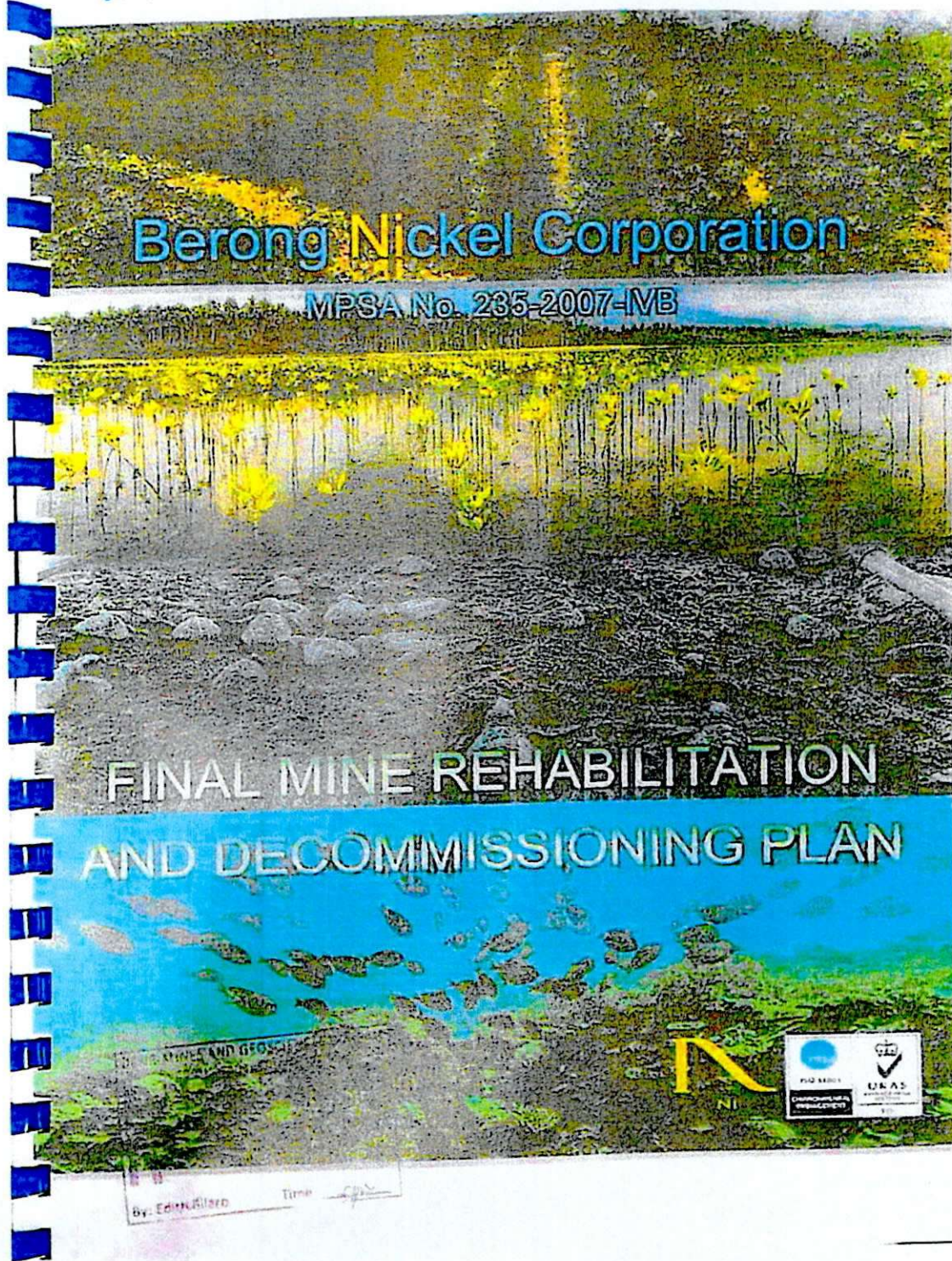
Attachments:

The following shall form part of the report:

1. *Development plans (long-range and annual)*
2. *Reforestation map (Scale 1:25,000)*
3. *Photographs/Exhibits of all aspects of forestry development activities*
4. *Photocopy(ies) of deputation papers of Forest Guards (or DENROs)*
5. *A certified list of personnel directly involved in the Program indicating the position and nature of employment*

185 - 2021 - 10

JUL 07 2021



CONTINGENT LIABILITY AND REHABILITATION FUND STEERING COMMITTEE

c/o Mines and Geosciences Bureau Central Office
MGB Compound, North Avenue, Diliman, Quezon City
Tel. No. 667-6700 local 103

CERTIFICATE OF APPROVAL

No. 185 - 2021 - 10

Pursuant to the pertinent provisions of Department of Environment and Natural Resources (DENR) Administrative Order No. 2010-21, the Consolidated DENR Administrative Order (DAO) for the Implementing Rules and Regulations of Republic Act (RA) No. 7942 or the Philippine Mining Act of 1995, the Contingent Liability and Rehabilitation Fund Steering Committee (CLRFS) hereby grants this Certificate of Approval to the revised Final Mine Rehabilitation and/or Decommissioning Plan (FMR/DP) of Berong Nickel Corporation (BNC) for its *Berong Nickel Project*, with the following details:

Location	: Brgy. Berong, Quezon, Palawan
Mining Tenement	: Mineral Production Sharing Agreement (MPSA)
Number/s	: 235-2007-IVB
Area (hectares)	: 288.00
Commodity	: Nickel
Date Issued	: June 8, 2007
Grantee	: BNC
Environmental Compliance Certificate (ECC)	
Name of Project	: Berong Nickel Project
Reference Code Number	: 0507-008-301
Date Issued	: June 14, 2006
Grantee	: BNC
Social Development and Management Program (SDMP) and Programs on Information, Education and Communication (IEC) and Development of Mining Technology and Geosciences (DMTG)	
Reference Number	: III-MGBMIMAROPA-2017-01
Date Issued	: March 4, 2017
Grantee	: BNC

This Certificate is being issued subject to the following conditions as embodied in the pertinent provisions of DAO No. 2010-21 and the ECC:

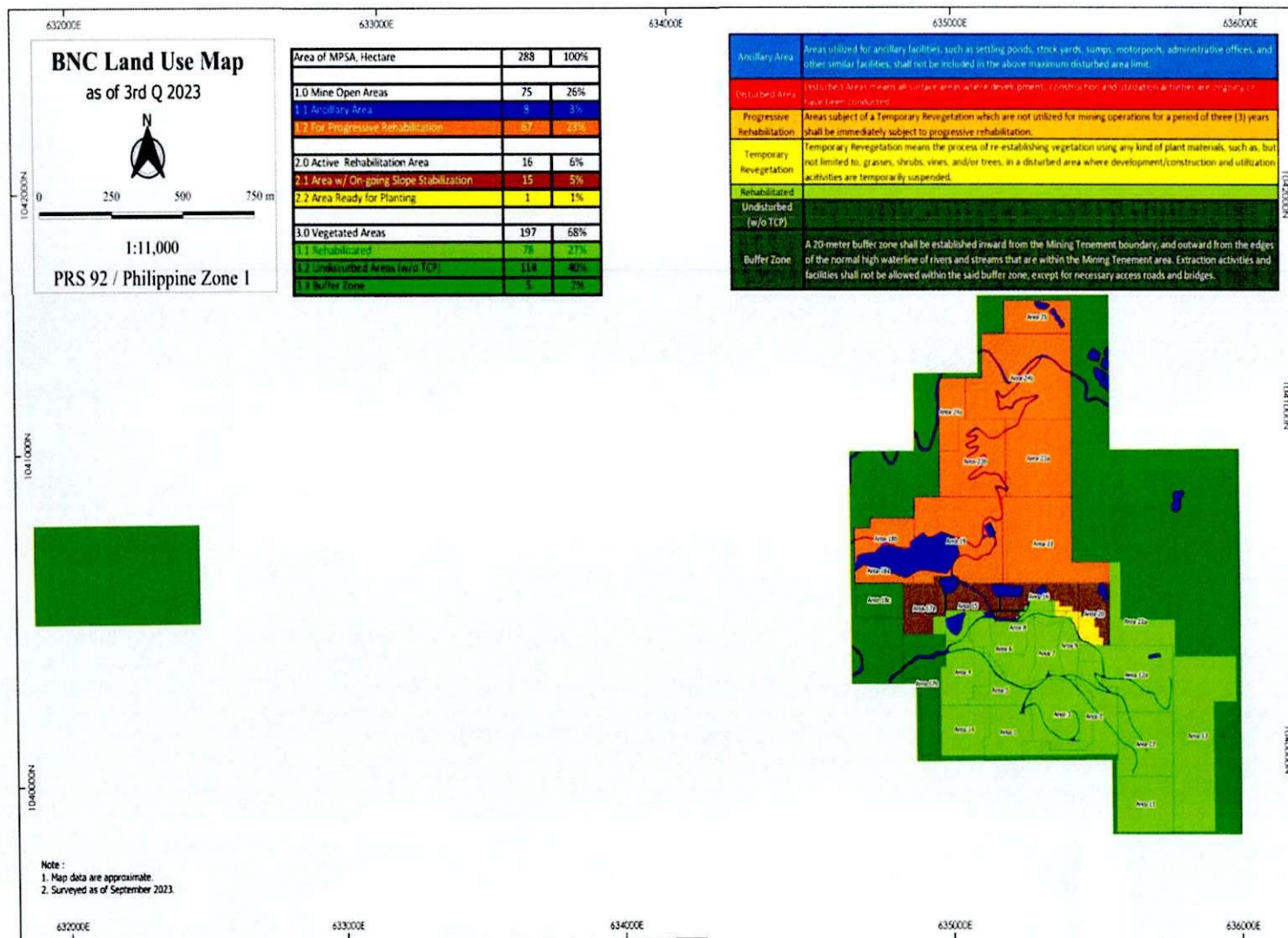
1. This Certificate is valid only for the activities stipulated in the approved EPEP and FMR/DP (attached as Annex "A" and made an integral part hereof);
2. BNC shall fully implement its approved five-year SDMP and Programs on IEC and DMTG by submitting an Annual SDMP (ASDMP) and Annual Programs on IEC and DMTG to the Mines and Geosciences Bureau (MGB) MIMAROPA Region for evaluation and approval, within thirty (30) calendar days before the authorized start of activities pursuant to an approved DMPF or at least thirty (30) calendar days prior to the beginning of every calendar year thereafter. The MGB Central Office



FMR/DP CERTIFICATE OF APPROVAL
BERONG NICKEL CORPORATION
Berong Nickel Project
Brgy. Berong, Quezon, Palawan

Page 1 of 3

2. BNC Land Use Map (as of 3rd Quarter 2023)



3. Berong Nickel Corporation-Mine Environmental Protection and Enhancement office (BNC-MEPEO)
Manpower Roster

 Mine Environmental Protection and Enhancement Office (MEPEO) 				
No.	Name of Employee	Designation	Employment Status	Employer
1	Dela Cruz, Jay Pee	MEPO/PCO	Regular	BNC
2	Docusin, Ulysis	Refo & Rehab Supervisor	Regular	BNC
3	Pesito, Emma	Compliance Supervisor	Regular	BNC
4	Indap, Mark	Refo & Rehab Leadman	Regular	BNC
5	Suelto, Licerio II	Nursery Leadman	Regular	BNC
6	Arcoyo, Julius	HE Operator Supervisor	Regular	BNC
7	Galang, Alison	HE Operator	Regular	BNC
8	Galicla, Merlito	Electrician	Regular	BNC
9	Suplanas, Alfredo	HE Operator	Regular	BNC
10	Parangue, Romel	HE Operator	Regular	BNC
11	Villarino, Jovi	HE Coordinator	Regular	BNC
12	Tomas, Noe	MWS Leadman	Regular	BNC
13	Tabucoran, Leo	IWM Leadman	Regular	BNC
14	Jabagat, Neneth	Monitoring Staff	Regular	BNC
15	Agapito, Ofelia	MEPEO Crew	Seasonal	GSMS
16	Amecan, Elito	MEPEO Crew	Seasonal	GSMS
17	Anrique, Jeffrey	HE Operator	Project Based	GSMS
18	Arzaga, Richard	Service Driver	Project Based	GSMS
19	Bestona, Rolly	HE Operator	Project Based	GSMS
20	Bautista, Warlito	HE Operator	Regular	GSMS
21	Briones, Sannie	HE Operator	Seasonal	GSMS
22	Budwak, Pope	MEPEO Crew	Seasonal	GSMS
23	Cañete, Bartolome	Welder	Project Based	GSMS
24	Coloma, Charlie Jr.	Driver	Project Based	GSMS
25	Cuyao, Melardo	MEPEO Crew	Seasonal	GSMS
26	Dambulos, Jimmy	Road Sweeper Leadman	Seasonal	GSMS
27	Esteban, Henry	MEPEO Crew	Seasonal	GSMS
28	Garlao, Michael John	Driver	Project Based	GSMS
29	Jabagat, Niño	Mechanic	Project Based	GSMS
30	Langsa, Narro	MEPEO Crew	Seasonal	GSMS
31	Lebarra, Jeyward	MEPEO Crew	Project Based	GSMS
32	Magbanua, Jesmond	WT Driver	Regular-Seasonal	GSMS
33	Magtanong, Veronie	HE Operator	Project Based	GSMS
34	Marcelino, Jessie	MEPEO Crew	Seasonal	GSMS
35	Marcelino, Larry	MEPEO Crew	Seasonal	GSMS
36	Mutas, Eddie	MEPEO Crew	Seasonal	GSMS
37	Mutas, Florita	MEPEO Crew	Seasonal	GSMS
38	Padecio, Arnold	Painter	Seasonal	GSMS
39	Parangue, Rowell	Driver	Regular	GSMS
40	Pelnas, Norito	Nursery Leadman	Project Based	GSMS
41	Pigas, Benlo	HE Operator	Regular	GSMS
42	Pegas, Emiolino	HE Operator	Seasonal	GSMS
43	Pegas, Julius	HE Operator	Project Based	GSMS
44	Razote, Loreto	HE Operator	Project Based	GSMS
45	Rimbas, Arturo	MEPEO Crew	Seasonal	GSMS
46	Santiago, Jessica	MEPEO Crew	Seasonal	GSMS
47	Soldarios, Ruben	MEPEO Crew	Seasonal	GSMS
48	Teodoro, Trabelyn	Service Driver	Seasonal	GSMS
49	Tobias, Benedicto	Driver	Project Based	GSMS
50	Tomas, Edward	HE Operator	Seasonal	GSMS
51	Tomas, Maricel	MEPEO Crew	Seasonal	GSMS
52	Tren-Inte, Rodel	Spotter	Project Based	GSMS
53	Ytac, Ernesto	Service Boat Operator	Project Based	GSMS
54	Arctiyo, Larry	Welder	Contractual	JNA



Mine Environmental Protection and Enhancement Office (MEPEO)



No.	Name of Employee	Designation	Employment Status	Employer
55	Aten Romeo	Mason Carpenter	Contractual	JNA
56	Belonio, Samuel	PM Mechanic	Contractual	JNA
57	Borayo, Allandro	WT Driver	Contractual	JNA
58	Cansing, Josie	MEPEO Crew	Contractual	JNA
59	Daigo, Mark Jason	Painter	Contractual	JNA
60	Dambolos, Rommel	MEPEO Crew	Contractual	JNA
61	Danglong, Elmer	MEPEO Crew	Contractual	JNA
62	Danglong, Narciso	Driver	Project Based	JNA
63	Diaz, Renato	Driver	Contractual	JNA
64	Deo Santos, Ronald	Driver	Contractual	JNA
65	Favila, Joery	Road Sprinkling Leadman	Contractual	JNA
66	Justo, Ponio	MEPEO Crew	Contractual	JNA
67	Linsat, Robles	MEPEO Crew	Contractual	JNA
68	Lorenzo, Noyme	MEPEO Crew	Contractual	JNA
69	Malaque, Mimi	MEPEO Crew	Contractual	JNA
70	Marcelino, Angelo	HE Operator	Contractual	JNA
71	Marcelo, Glido	MEPEO Crew	Contractual	JNA
72	Monsale, Rene	HE Operator	Contractual	JNA
73	Morales, Jovelis	Spotter	Contractual	JNA
74	Mutas, Jorge	MEPEO Crew	Contractual	JNA
75	Ngani, Nemesio Jr	MEPEO Crew	Contractual	JNA
76	Oreta, Rio	MEPEO Crew	Contractual	JNA
77	Parreño, Dioscoro	MEPEO Crew	Contractual	JNA
78	Parreño, Jomar	MEPEO Crew	Contractual	JNA
79	Pilapil, Reynold	Driver	Contractual	JNA
80	Pilapil, Ronel	Refo & Rehab Leadmen	Regular	JNA
81	Pilapil, Noli	Lead Mechanic	Contractual	JNA
82	Rimbos, Jojo	HE Operator	Contractual	JNA
83	Romande, Jayson	Tiremen	Contractual	JNA
84	Salazar, Jesunvhier	HE Operator	Contractual	JNA
85	Sarahadul, Azlin	Driver	Contractual	JNA
86	Serna, Sonny	Driver	Contractual	JNA
87	Toledo, Nilo	MEPEO Crew	Contractual	JNA
88	Tomas, Arnel	HE Operator	Contractual	JNA
89	Tomas, Rowell	HE Operator	Contractual	JNA
90	Tundan, Elnony	MEPEO Crew	Contractual	JNA

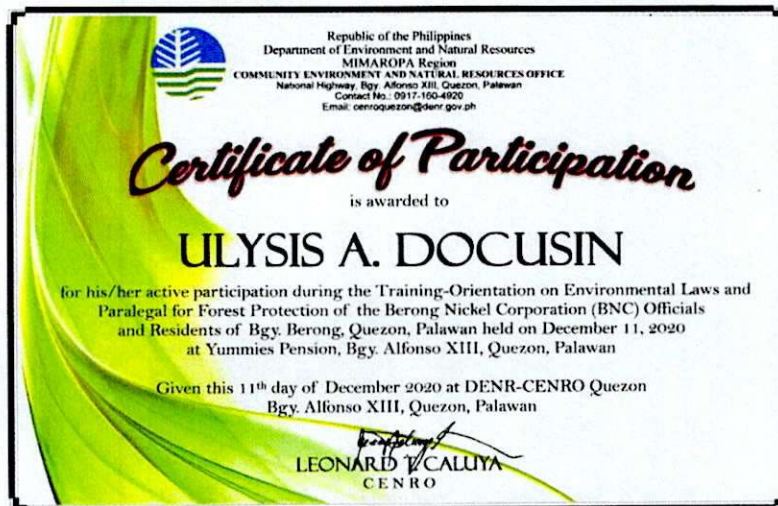
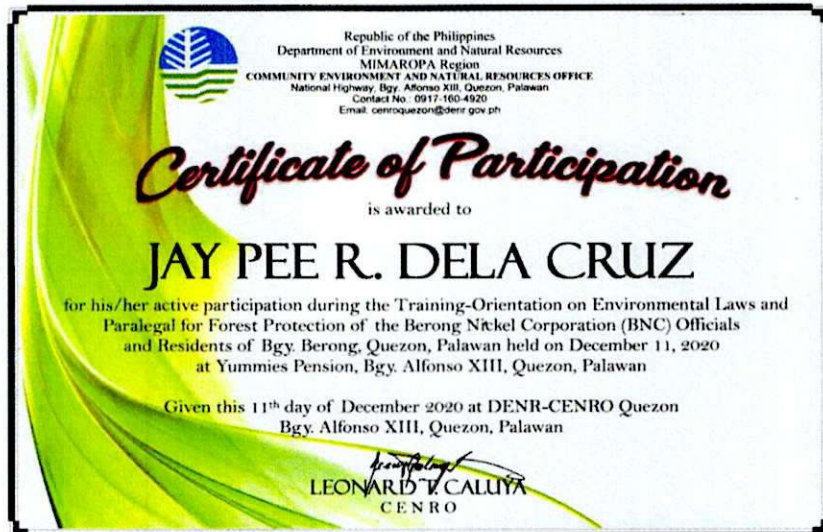
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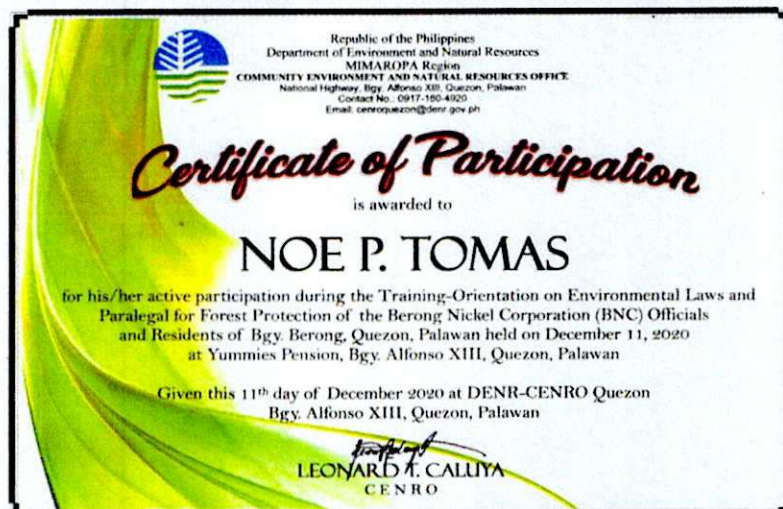
Cherry Ins Perias
HR Assistant

Approved by:

Catherine C. Castor
HR/A Department Head

4. Photocopy(ies) of deputation papers of Forest Guards (or DENROs)





**PHOTO-DOCUMENTATIONS AND PHOTO EXHIBITS OF
MINE REHABILITATION ACTIVITIES AND OTHER
REFORESTATION PROJECT OF BERONG NICKEL
CORPORATION - MINE ENVIRONMENTAL PROTECTION
AND ENHANCEMENT OFFICE (BNC-MEPEO)**

BNC's Mine Progressive Rehabilitation-Drone shots





Bench/slope correction and re-soiling works



Bore Holing and Lay-outing works



Tree planting activities within mine rehab area



BNC Central Nursery



Soil media preparation



Transferring collected wildlings on polybags



Carbonized Rice Hull Production



Seeds collected

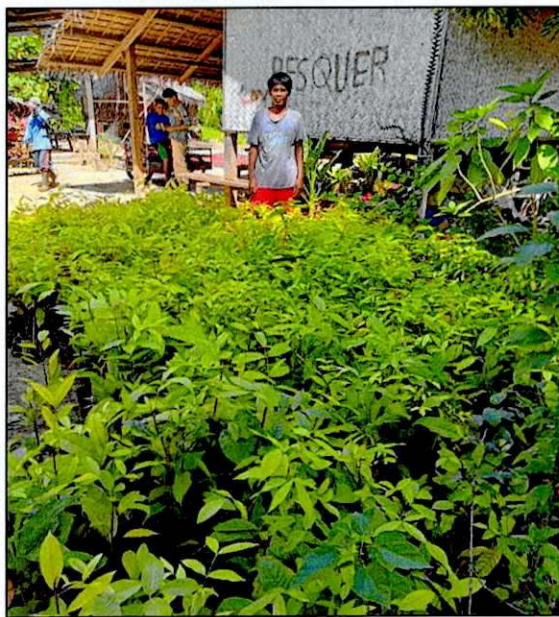
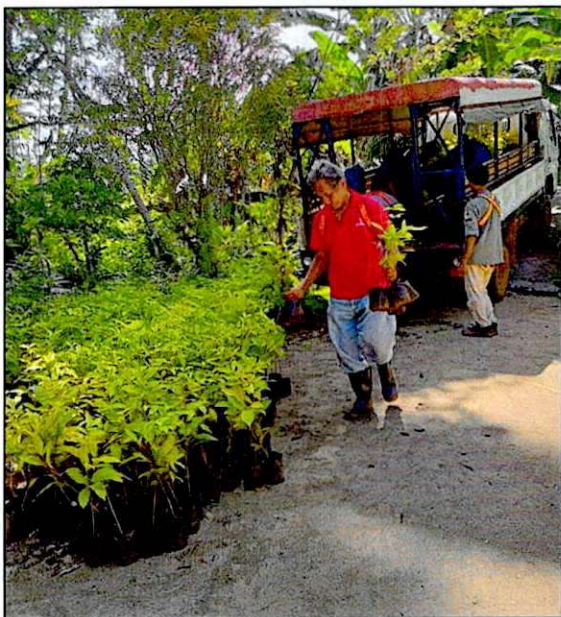


Vermicast Composting





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



Donated 4,162 seedlings of various species to different individuals and residents of the impact community, including those provided as seedlings intended for tree planting activities in LGUs.



Conducted Tree planting activity/IEC during the tree planting activity of JNA Agency last August 15, 2023



Conducted a tree planting activity (IEC) during the Lakbay Aral of the Local Government Unit of Brgy. Berong last September 8, 2023



BNC received a Certificate of Commendation from the Mine Rehabilitation Fund Committee MIMAROPA Region in the recently held 3rd Quarter 2023 MRFC Meeting at the Hue Hotel, Puerto Princesa City, Palawan, on September 21, 2023.