



Project Description of the Proposed Expansion of the Gotok Limestone Quarry Project of Rio Tuba Nickel Mining Corporation

1.0 PROJECT BACKGROUND

On 13 June 2019, the Rio Tuba Nickel Mining Corporation (RTNMC) was granted with separate ECC (ECC-CO-1801-0001) for its Gotok Limestone Quarry Project (**Annex 1**). Formerly, the quarry operation was part of ECC No. 0201-021-313 granted to RTNMC for the Hydrometallurgical Processing Plant (HPP) Project in 2002. In the same year, RTNMC requested for transfer of ownership and responsibility of the main components of the project to the Coral Bay Nickel Corporation (CBNC) while RTNMC will retain ownership and responsibility for the following:

- 1. Gotok Limestone Quarry;
- 2. Water Intake Dam;
- 3. Causeway and trestle;
- 4. Ore supply and pile management;
- 5. Siltation ponds and canals management; and
- 6. Road maintenance and other existing RTNMC facilities.

The ECC granted to RTNMC in 2019 includes the quarry operation with an annual extraction rate of 725,000 WMT within the 13-ha allowable area inside the MPSA No. 213-2005-IVB (**Annex 2**) and the crushing plant operation. Since the start of its operation inside the MPSA, RTNMC was only allowed to quarry within the 13.0-ha allowable area.

RTNMC started its commercial production of limestone in 2005. With the continuous limestone extraction, the operation will only last up to 2021. The two (2) industries located within the Rio Tuba Processing Export Processing Zone (RTEPZ) are CBNC and GRAYMONT (PHILIPPINES) INC. (GPI), which depend on the continuous supply of limestone from the Gotok Quarry.

To extend the mine life of the Gotok Limestone quarry, RTNMC would like to apply for the expansion of its development area within the MPSA to 46.90 ha. For this proposed expansion project, RTNMC has already applied and was granted with a Strategic Environmental Plan (SEP Reference No.) Clearance from the Palawan Council for Sustainable Development (PCSD) on May 27, 2021 (Annex 3).

In addition to the SEP Clearance, other documentary requirements such as the Mining Project Feasibility Study (**Annex 4**) and the copy of the Complete and Final Exploration Report duly signed by a competent person and received by the Mines and Geosciences Bureau (MGB) (**Annex 5**).





2.0 PROJECT LOCATION AND AREA

2.1 Location, Vicinity and Accessibility

The Gotok Limestone Quarry operation of RTNMC is within its 84.5-ha MPSA bounded by the coordinates shown in **Table 1**. The MPSA of RTNMC is located within the boundaries of two (2) barangays namely: Iwahig and Sandoval, Municipality of Bataraza.

RTNMC is only allowed to quarry 13.0 ha out of the 84.5-ha MPSA as indicated in its ECC. The geographical coordinates of the 13.0-ha allowable is provided in **Table 2**.

On the other hand, the crushing plant is located in the minesite area of RTNMC inside the RTEPZ. It is also within the boundary of Barangay Rio Tuba in the Municipality of Bataraza. **Table 3** shows the coordinates of the crushing plant area.

Location map and vicinity map are provided as Figures 1 and 2, respectively.

Table 1. PRS 92' Geographic Coordinates of MPSA No. 213-2005-IVB

Corner	Corner Latitude Long	
1	8°35'50"N	117°27'45"E
2	8°36'20"N	117°27'45"E
3	8°36'20"N	117°28'15"E
4	8°35'50"N	117°28'15"E

Table 2. Geographical coordinates of 13.0-ha Quarry Limestone quarry area

Comer Letitude Lengitude				
Corner	Latitude	Longitude		
Phase 1				
1	8°36'4.29"N	117°27'48.26"E		
2	8°36'4.26"N	117°27'52.05"E		
3	8°36'3.21"N	117°27'50.74"E		
4	8°35'59.78"N	117°27'50.41"E		
5	8°35'58.50"N	117°27'49.56"E		
6	8°35'57.59"N	117°27'47.81"E		
7	8°35'57.90"N	117°27'46.45"E		
8	8°35'58.92"N	117°27'45.32"E		
9	8°36'0.93"N	117°27'45.54"E		
Phase 2				
1	8°36'17.50"N	117°27'47.30"E		
2	8°36'20.00"N	117°27'48.00"E		
3	8°36'20.00"N	117°27'52.76"E		
4	8°36'18.44"N	117°27'54.16"E		
5	8°36'16.66"N	117°27'54.32"E		
6	8°36'15.06"N	117°27'54.47"E		
7	8°36'13.27"N	117°27'54.92"E		
8	8°36'12.11"N	117°27'56.52"E		
9	8°36'10.27"N	117°27'58.32"E		
10	8°36'08.09"N	117°27'56.93"E		
11	8°36'08.70"N	117°27'54.06"E		
12	8°36'06.12"N	117°27'53.32"E		
13	8°36'06.25"N	117°27'47.86"E		
14	8°36'13.10"N	117°27'46.40"E		
15	8°36'15.00"N	117°27'46.01"E		





Table 3. Geographical coordinates of the crushing plant area located inside the RTEPZ

Corner	Latitude	Longitude
1	8°33'33.61"N	117°25'36.36"E
2	8°33'30.34"N	117°25'36.36"E
3	8°33'30.34"N	117°25'34.93"E
4	8°33'27.44"N	117°25'34.93"E
5	8°33'27.44"N	117°25'32.14"E
6	8°33'29.00"N	117°25'32.14"E
7	8°33'29.00"N	117°25'31.27"E
8	8°33'30.23"N	117°25'31.27"E
9	8°33'30.23"N	117°25'29.65"E
10	8°33'31.98"N	117°25'29.65"E
11	8°33'31.98"N	117°25'31.13"E
12	8°33'32.64"N	117°25'32.22"E
13	8°33'32.64"N	117°25'32.95"E
14	8°33'33.61"N	117°25'32.95"E

For its proposed expansion, RTNMC applies to increase its development area to 59.90 ha including the 13.0 ha current quarry area. The new development area (46.9 ha) is bounded by the coordinates presented in **Table 4**. The site development plan is also provided in **Figure 3**.

Table 4. Geographical coordinates of the proposed development area

Corner	Latitude	Longitude
1	8°35'50"N	117°27'45"E
2	8°36'00"N	117°27'45"E
3	8°35'59.28"N	117°27'46.63"E
4	8°35'57.49"N	117°27'47.67"E
5	8°35'57.31"N	117°27'50.33"E
6	8°35'58.08"N	117°27'51.69"E
7	8°36'0.31"N	117°27'51.80"E
8	8°36'3.18"N	117°27'52.92"E
9	8°36'3.20"N	117°27'50.62"E
10	8°36'3.26"N	117°27'48.77"E
11	8°36'0.93"N	117°27'46.60"E
12	8°35'59.28"N	117°27'46.63"E
13	8°36'00"N	117°27'45.00"E
14	8°36'5.65"N	117°27'45.00"E
15	8°36'5.66"N	117°27'47.32"E
16	8°36'12.17"N	117°27'47.30"E
17	8°36'12.17"N	117°27'48.75"E
18	8°36'16.06"N	117°27'47.96"E
19	8°36'16.34"N	117°27'49.66"E
20	8°36'14.46"N	117°27'48.41"E
21	8°36'12.59"N	117°27'48.71"E
22	8°36'5.58"N	117°27'49.70"E
23	8°36'5.31"N	117°27'55.46"E
24	8°36'7.69"N	117°27'56.68"E
25	8°36'7.01"N	117°27'59.21"E
26	8°36'9.19"N	117°28'0.60"E
27	8°36'11.01"N	117°27'58.79"E
28	8°36'12.16"N	117°27'57.18"E
29	8°36'13.98"N	117°27'56.66"E
30	8°36'15.53"N	117°27'56.57"E
31	8°36'17.35"N	117°27'56.32"E
32	8°36'18.89"N	117°27'54.92"E
33	8°36'18.91"N	117°27'50.49"E
34	8°36'20.00"N	117°27'50.83"E
35	8°36'20.00"N	117°27'55.00"E
36	8°36'20.00"N	117°28'2.72"E
37	8°36'17.72"N	117°28'3.54"E
38	8°36'18.79"N	117°28'10.69"E





Corner	Latitude	Longitude
39	8°36'18.96"N	117°28'10.69"E
40	8°36'20.00"N	117°28'10.07"E
41	8°36'20.00"N	117°28'15.00"E
42	8°36'10.00"N	117°28'15.00"E
43	8°36'5.72"N	117°28'15.00"E
44	8°36'5.69"N	117°28'3.67"E
45	8°35'52.68"N	117°28'3.71"E
46	8°35'52.66"N	117°27'56.99"E
47	8°35'51.93"N	117°27'55.72"E
48	8°35'51.51"N	117°27'54.57"E
49	8°35'51.00"N	117°27'53.17"E
50	8°35'50.74"N	117°27'52.27"E
51	8°35'50.61"N	117°27'51.64"E
52	8°35'50.46"N	117°27'50.09"E
53	8°35'50.33"N	117°27'48.77"E
54	8°35'50.26"N	117°27'47.88"E
55	8°35'50.26"N	117°27'47.40"E
56	8°35'50.13"N	117°27'45.87"E

The project site is accessible from Puerto Princesa City via land and air travel. By land, commercial buses and vans are available transport service that traverse the provincial road across the Municipalities of Aborlan, Narra, Sofronio Española, and Brooke's Point before reaching Bataraza. Land travel is approximately five (5) hours. By air, RTNMC has a private airplane that flies directly to Rio Tuba from Puerto Princesa Airport.

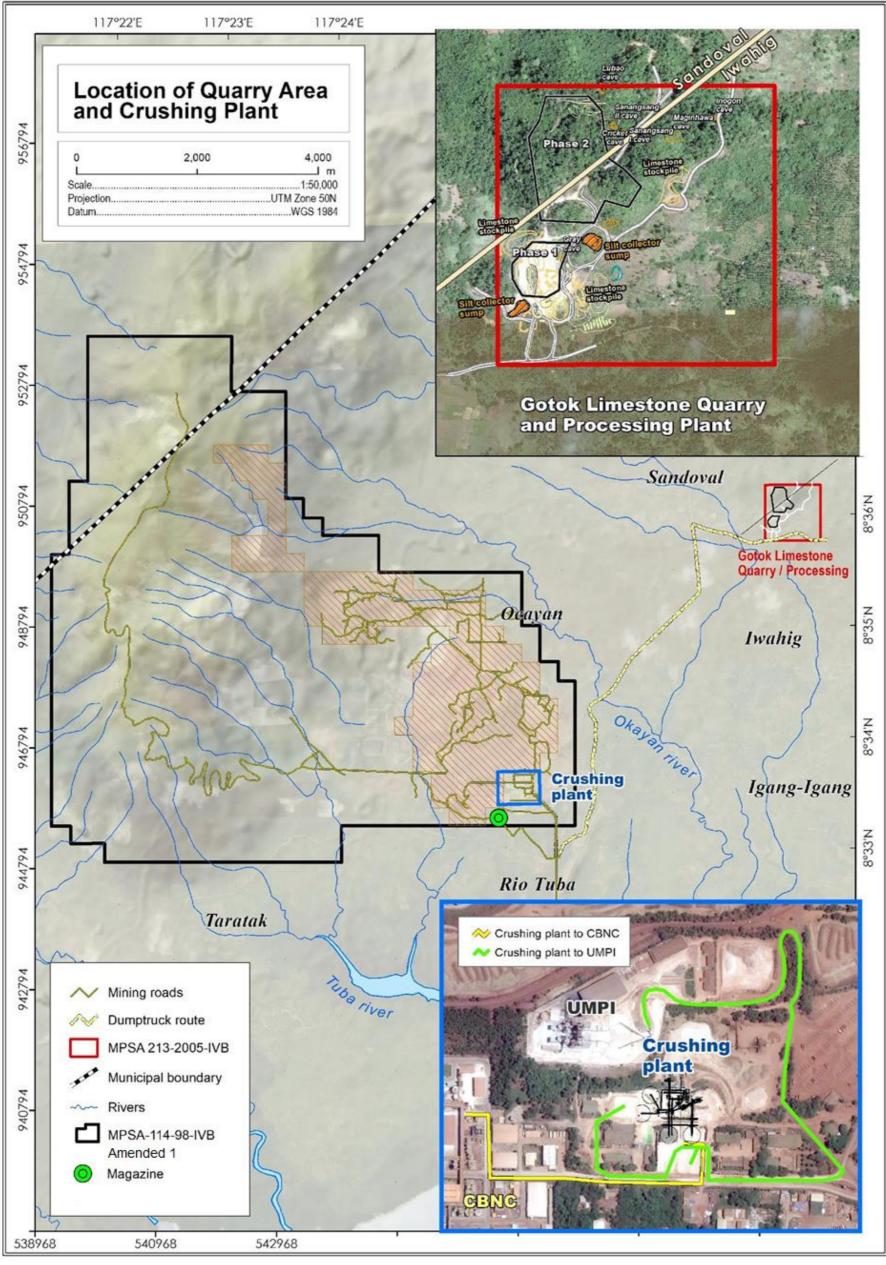


Figure 1. Location of the Gotok Limestone Quarry Project

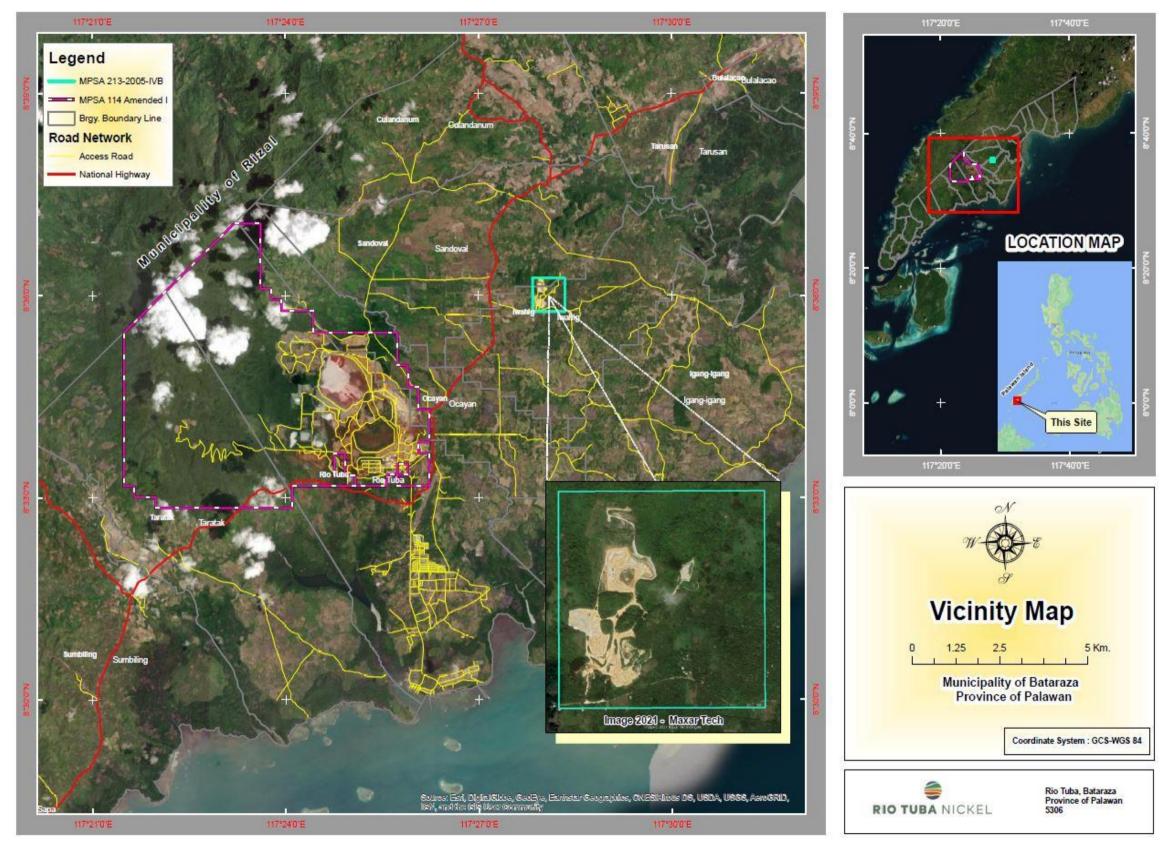
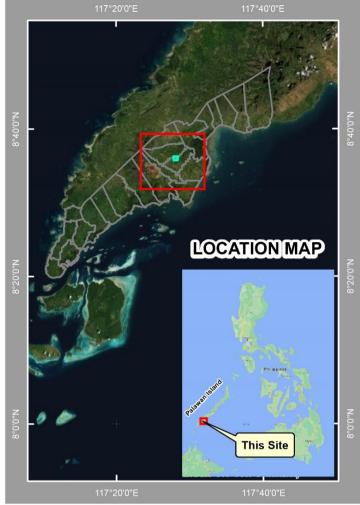
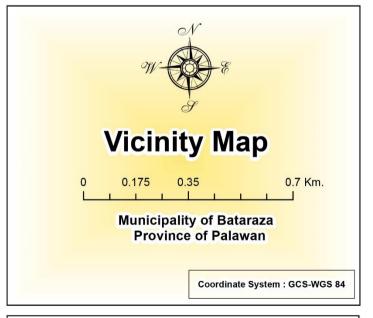


Figure 2. Vicinity map of the Gotok Limestone Quarry Project







RIO TUBA NICKEL

Rio Tuba, Bataraza
Province of Palawan
5306

Figure 3. Vicinity map of the Gotok Limestone Quarry Area



2.2 Delineation of Impact Areas

There are three (3) barangays that serve as the host barangays for the Gotok Limestone Quarry Project. The quarry operation is within the boundaries of Barangays Iwahig and Sandoval as shown in **Figure 1** while the crushing plant is within Barangay Rio Tuba. These three (3) barangays are considered as direct impact areas.

Figure 2 shows the vicinity map of the Gotok Limestone Quarry and the Crushing plant operation. In **Figure 3**, communities and school near the quarry area are shown.

3.0 PROJECT RATIONALE

The ECC covering the operation of the Gotok Limestone Quarry was approved in 2003. Consequently in 2005, RTNMC started its commercial production of limestone. RTNMC currently supplies the limestone requirement of CBNC and GPI located within the RTEPZ.

CBNC operates the HPP while GPI produces lime slurry which is being supplied to CBNC. The HPP refines raw limonitic nickel ore into an intermediate downstream product of mixed nickel sulfide. As part of the mitigating measures of the HPP, CBNC adds crushed limestone from RTNMC and lime slurry from GPI to the wastewater and tailings to increase from a pH 6 to pH 8 to 8.5.

In addition, the operation of the Gotok Quarry has brought positive impacts to its impact communities. These include the following:

Continuous direct employment of locals

The current operation of the limestone quarry and the crushing plant employs around 170 residents of the host barangays. With the proposed expansion of quarry area, the employment of these residents will be secured for another 10 or more years.

Continuous implementation of the Social Development and Management Program (SDMP) and continuous support from the Corporate Social Responsibility (CSR) Fund The host barangays of Iwahig, Sandoval, and Rio Tuba are beneficiaries of the programs/projects funded under the SDMP since it started its operation. With the proposed expansion of the quarry area, not only the life of the quarry will be extended but also the benefits from the SDMP and CSR of RTNMC that the impact barangays will receive.

Continuous contribution to the economic activity in the area

To support its operation, RTNMC primarily sourced its materials and supplies from local enterprises, whenever available. By extending the life of the quarry to at least 10 years, the local communities will continue to benefit from the company.

Payment of various taxes, permit fees to the government

The same with the other benefits previously stated, the local government of Bataraza shall continue to receive revenues from various types such as income taxes, excise taxes, withholding taxes, and property taxes, among others.





4.0 PROJECT ALTERNATIVES

RTNMC has considered different options prior to its plan to apply for the amendment of its ECC. These options are presented in **Table 5**.

Table 5. Project alternatives considered by RTNMC

Aspect Standard Criteria Options Considered by R I NMC			
Aspect	Standard Criteria	Options Considered	Assessment
Quarry Area	 Remaining mineral resources 	● To extend the quarry area beyond the 13.0 ha but still	With the remaining mineral resources within MPSA No.
	Cut-off grade	within MPSA No. 213-2005-IVB	213-2005-IVB, the proposed
	Profitability	Do nothing	expansion of the quarry area is
	o i romability	- Bo nothing	estimated to extend the mine
			life up to more than 10 years.
			ap toore unan re yearer
			By doing nothing, Gotok
			Limestone Quarry only has up
			to year 2021 remaining in its life.
			End of the mine life means end
			of the benefits being received
			by the local communities thru
			royalty, direct employment,
			SDMP, and generation of taxes.
			Also, CBNC and GPI will have
			to resort to finding another
			supplier that will be able to
			satisfy their limestone requirement in terms of size,
			grade, and volume.
Power and	Availability	Continue using its existing	RTNMC will still use its current
water	• Total power and	power and water sources	source of power: one (1) 700
requirement	water requirement	power and water sources	kW Diesel Generator and two
roquiromont	• Location of power		(2) 350 kW Diesel Generator.
	and water source		(2) des itt Bissel Selleratori
			RTNMC will continue to source
			its water requirement for the
			washing plant and road
			watering from the following:
			 Water wells 2 and 3
			 Umawi Stream
			 Mine pit and siltation
			ponds
			 Tagpisa Siltation pond
			(back-up source) Tagpisa
			Siltation pond (back-up
D. II. C			source)
Pollution control		Extend its dust control measures	RTNMC shall employ water
measures		and install silt control structures at	spraying activities along hauling
		the proposed quarry area	roads and proposed new access roads. To control silt.
			RTNMC shall develop a
			drainage plan and determine
			locations where silt collector
			sumps should be constructed.
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5.0 PROJECT COMPONENTS

5.1 Current Operation

The current operation of RTNMC includes the quarry operation at the Gotok Limestone quarry area and the crushing plant operation at the minesite. All of the existing facilities of RTNMC for the Gotok Limestone operation and the corresponding area allotment are presented in **Table 6**.

Table 6. Summary of the area allotment of the current facilities of the Gotok Limestone Quarry Project

Facilities	Area (ha)
A. Within MPSA of Quarry (213-2005-IVB)	
Approved quarry area	13.00
Ancillary facilities	0.90
Access road	0.15
Sub-total (A)	14.05
B. Within MPSA 114-98-IV Amended 1	
Crushing Plant Facilities	2.526
Product Handling Facilities, Transport (portion of Macadam road)	0.770
Storage area of explosives	0.500
Sub-total (B)	3.800
C. Common facilities with RTNMC Nickel Operations	
Townsite infrastructures	5.26
Hospital	0.09
Airport facilities	20.00
Plantsite Facilities	1.10
Sub-total (D)	26.45
D. Hauling road (Portion of macadam road, barangay and provincial roads)	6.80
Total Project Area	51.10

As seen in **Table 6**, the current project has a total area of 51.10 ha. Out of the total area, only 14.05 ha are within the MPSA No. 213-2005-IVB and only 13.0 ha are approved for quarry activities.

Other facilities of the project such as the crushing plant and the storage of explosives are located at the minesite area of RTNMC. The location of the crushing plant is proximate to the CBNC HPP and the GPI Limemilk Plant, which is advantageous in terms of product transport.

The location of these existing facilities is presented in the site development map projected as **Figure 4**.

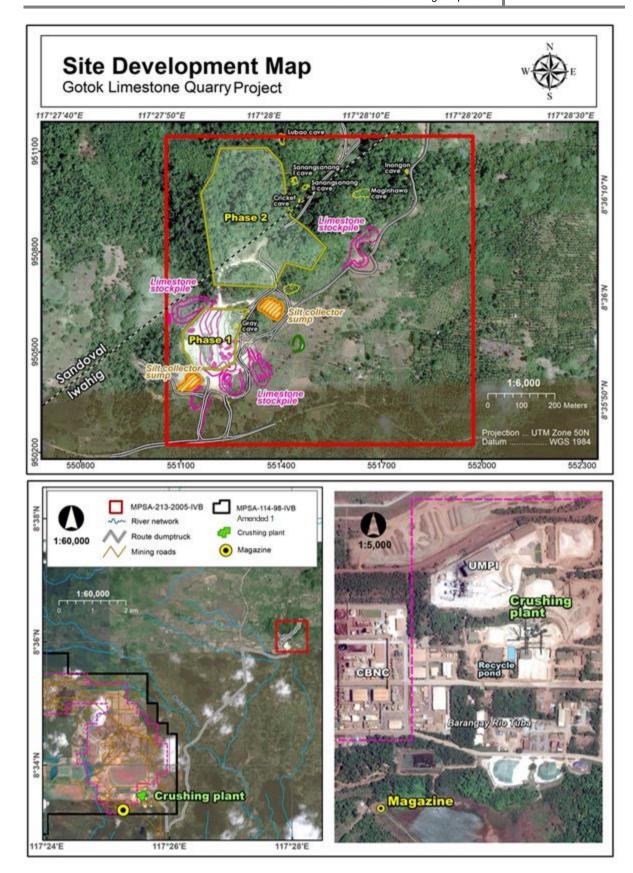


Figure 4. Site Development Map of the current Gotok Limestone Quarry Project operation



5.2 Proposed Operation

To extend the minelife of the Gotok Limestone Quarry, RTNMC is proposing to expand its development area to 59.90 ha. The proposed new area of 46.9 ha is still within its current MPSA as seen in the proposed site development plan (**Figure 5**).

With the proposed quarry area, access roads and structures for drainage shall also be developed. The proposed additional areas are provided in **Table 7**. To mitigate the impacts of the proposed new area, RTNMC shall delineate and maintain buffer zone areas as seen in **Figure 6**.

By applying for the expansion of the area, the RTNMC's operation is projected to extend up to 2033 as seen in the proposed long-range plan (**Figure 7**).

Table 7. Summary of the area allotment for the proposed Gotok Limestone Quarry Expansion Project

Facilities Facilities	Area (ha)
A. Within MPSA of Quarry (213-2005-IVB)	
A1. Existing	
Approved quarry area	13.000
Ancillary facilities (silt collector sumps and stockpile area)	0.900
Access road	0.150
A2. Proposed	
New quarry area	46.900
Access road	2.450
Ancillary facilities (silt collector sumps and stockpile area)	6.450
Sub-total (A)	69.850
B. Within MPSA-114-98-IV Amended 1	
Crushing Plant Facilities	2.526
Product Handling Facilities, Transport (portion of Macadam road)	0.770
Storage area of explosives	0.500
Sub-total (B)	3.796
C. Common facilities with RTNMC Nickel Operations	
Townsite infrastructures	5.260
Hospital	0.090
Airport facilities	20.000
Plantsite Facilities	1.100
Sub-total (C)	26.450
D. Hauling road (Portion of macadam road, barangay and provincial roads)	6.800
TOTAL	106.896





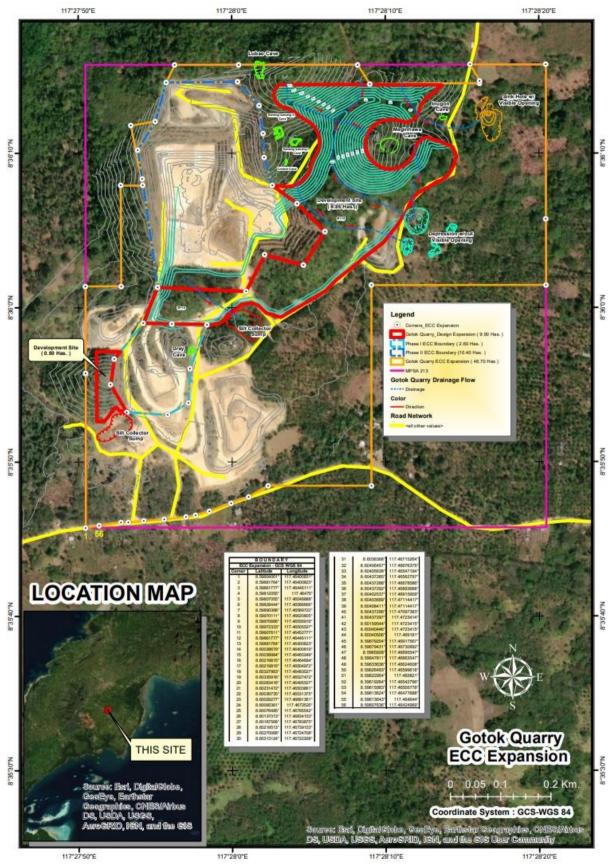


Figure 5. Proposed site development plan of the Gotok Limestone Quarry Expansion Project

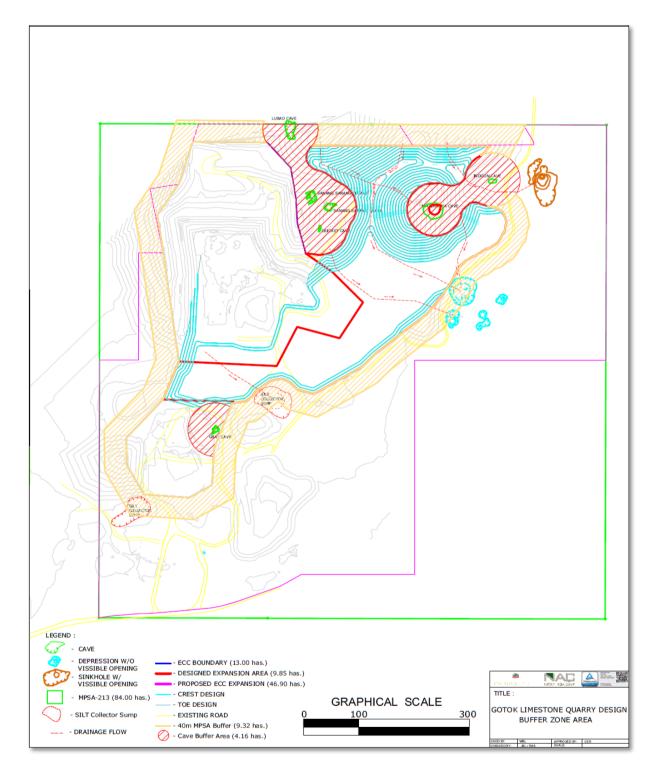


Figure 6. Proposed Buffer zone area of the Gotok Limestone Quarry Expansion Project

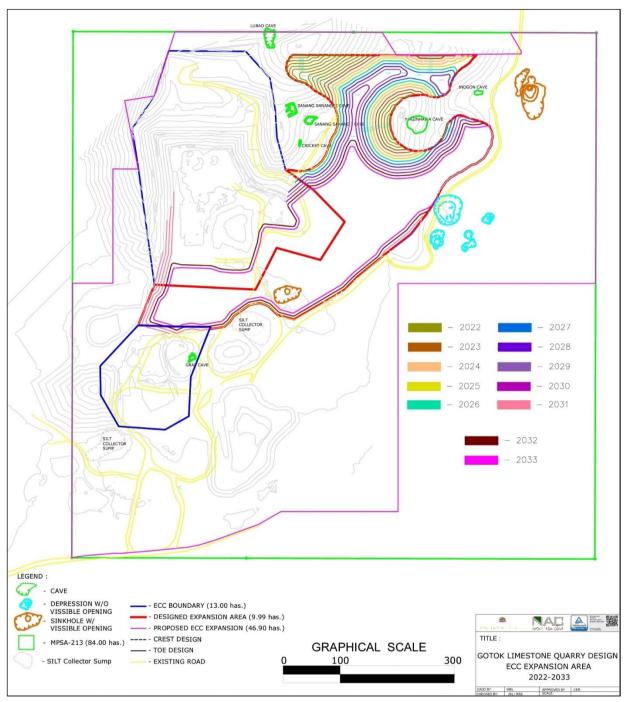


Figure 7. Projected Mining Schedule of the Gotok Limestone Quarry Expansion Project, 2021



Given the long-range plan from 2022 to 2033, **Table 8** provides the projected annual supply and demand.

Table 8. Projected Limestone supply and demand

Year	Quarrying (WMT)	Crushing (WMT)
2022	725,000	725,000
2023	725,000	725,000
2024	725,000	725,000
2025	725,000	725,000
2026	725,000	725,000
2027	725,000	725,000
2028	725,000	725,000
2029	725,000	725,000
2030	725,000	725,000
2031	725,000	725,000
2032	725,000	725,000
2033	600,000	600,000

Source: RTNMC, 2021

As seen in **Table 8**, the extraction rate shall be maintained same as the ECC allowed rate of 725,000 WMT. **Table 9** shows the number required for every type of equipment.

Table 9. Vehicles and heavy equipment requirement for the proposed expansion quarry operation

proposed expansion quarry operation				
Equipment	Existing (EPRMP)	Proposed (Feasib)		
PRODUCTION EQUIPMENT				
	21 units	21 units		
A. Dump trucks	(VOLVO/FM	(VOLVO/FM		
	64R, 6x4)	64R, 6x4)		
B. Wheel Loader	10 units	8 units		
C. TX-Loader	2 units	2 units		
D. Bulldozers	2 units	2 unit		
DRILLS				
Air Track Drill Machine	4 units	4 units		
OTHER EQUIPMENT				
A. Fuel Lorry	1 unit	1 unit		
B. Maintenance Truck	1 unit	1 unit		
C. Road Grader	1 unit	1 unit		
D. Truck Trailer	1 unit	1 unit		
E. Air Compressor	2 unit	2 unit		

5.3 Product handling Facilities, Transport

No changes shall be made in the current hauling route of RTNMC. However, access roads shall be constructed for the proposed new quarry areas. There will be a total of 21 dump trucks traversing the hauling route every hour.





5.4 Pollution Control Devices

Gotok Quarry Area

Dust control measures

Current practice of RTNMC is to conduct water spraying along the hauling and access roads. The company employ local laborers to do this activity as see in **Plate 1**. For the portion of haul roads that are unpaved, RTNMC enforces a speed limit of 30kph to minimize dust generation.

Siltation

In addition, silt from bare areas may be carried by runoff water during heavy downpour. The existing quarry area of RTNMC has two silt collector sumps located at the downstream portion to prevent siltation of nearby waterbodies (**Figure 8**).

For the proposed new quarry area, RTNMC shall develop a drainage plan to direct the run-off water to the two existing sumps.

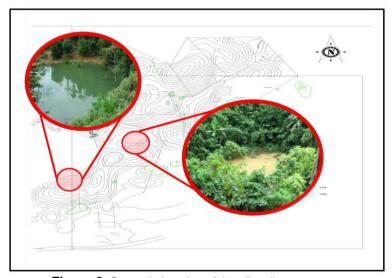


Figure 8. Strategic location of the silt collector sumps



Plate 1. Water spraying of the hauling road

Domestic Waste Management

As part of its solid waste management, RTNMC has designated garbage bins within the buildings and waste disposal areas around the site. These bins are regularly cleaned and emptied. On the other hand, hazardous wastes such as busted lamps, metal craps and other hazardous materials are collected and placed in a designated area prior to treatment/disposal. These wastes are properly recorded and labelled.

Crushing Plant Area

Dust Control Measures

At the crushing plant area, various equipment are installed to control dust and minimize its dispersion. These equipment are the following:

- Mist sprayer along the product discharge section of the conveyor belt system;
- Tarpaulin cover for open spaces and stockpiles;
- Cover for conveyor belt system to prevent prevailing wind or momentary gustiness from blowing dust particles from the crushed limestone;
- Wind breaker made of tarpaulin installed along path of prevailing wind direction; and
- Regular watering at the peripheries and immediate vicinity of the crushing plant to sustainably suppress dust.

RTNMC also enforces a speed limit of 30 kph for all service vehicles and dump trucks using the plant access roads.

Silt Control Measures

The crushing plant requires the use of water in its operation and therefore generates wastewater that is directed to the water settling/recycling pond. The pond has a capacity of 1,200 m³ and installed with catchbasin at its entry/inlet for initial filtering and regular desilting. Collected silt from the pond is also being sold to CBNC.

In case of overflow, the pond discharges to the Upper Kinurong Pond and then flows to Lower Kinurong Pond before finally discharging to Rio Tuba River.



Plate 2. Water settling/recycling pond



Magazine Area

Health and Safety Measures

The magazine buildings of RTNMC are located near Upper Kinurong Siltation pond. The area is secured by double perimeter fences measuring about 8 feet in height. In between magazines, berms were installed as part of the compliance with the recommendation included in the Risk Associated with Accidental Explosion of Explosives Magazine and its Mitigation study conducted by Conex.

Four out of five (5) magazines are made fully of reinforced concrete, protected by steel doors and hardened double locks while one (1) magazine is made up of two (2) joined container-type magazines located in one perimeter fence.









Plate 3. Constructed berm at the Magazine area



6.0 PROCESS/TECHNOLOGY

6.1 **Quarrying Operation**

6.1.1 **Clearing and Grubbing**

Prior to any clearing/activities, RTNMC shall secure a cutting permit from concerned government agencies that is duly endorsed by the PSDC as compliance to one of the conditions of the SEP Clearance.

After securing a cutting permit, the more sizeable and thicker trees will be cut down by logging. Inventories shall be made and properly reported to the DENR. With the use of bulldozers and backhoes, the remaining stunted and unusable growth as well as the topsoil will be loaded unto trucks and transported to stockpiles areas where it will be stored for later use during rehabilitation.

6.1.2 **Drilling and Blasting Operation**

The Gotok Limestone Quarry Project Flowchart is presented in Figure 9. Same with the existing operation of RTNMC, drilling and blasting activities will be done to produce the required fragmentation of 16" size products for feed to the Jaw Crusher with an opening of 20 inches.

According to RTNMC's 2021 Feasibility Study, the Proposed Expansion of the Gotok Limestone Quarry Project will follow 10-year production plan with a 15-masl final elevation. Figure 10 shows the final pit design.

For drilling, a TH-CD-650 Hydraulic Crawler Drill machine equipped with a compressor shall be used. The drill hole diameter is 3.0 inches or 76 mm. To produce 19,200 DMT, 300 holes need to be drilled, at 64 DMT per hole using a 0.2 to 0.4 kg/m³ power factor.

The blasting operation shall follow the following specifications:

- Staggered echelon pattern
- Distance spacing of 3.0m apart.
- Design burden of is 3m.
- Drill hole diameter is 3.0 inches (76mm).
- Bench height is 5m.
- Blast hole depth is 5.5m, inclusive of a 0.5 m sub-drill to prevent hard toes.
- Charging of the 5.5 m drill hole consists of a primer using 1kg 50mm dynamite, a column charge of Ammonium Nitrate Fuel Oil (ANFO), and 25mm limestone for stemming.

Figure 11 shows the cross-sectional details of the drilling and blasting patterns.



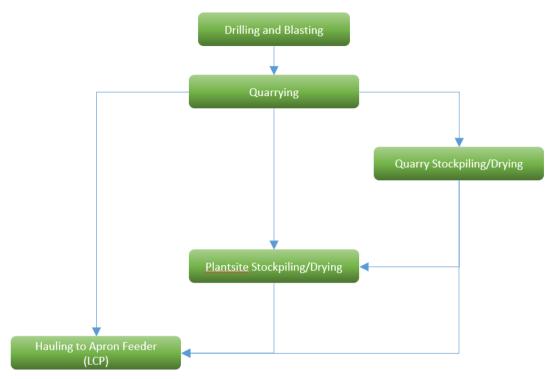


Figure 9. Gotok Limestone Quarry Project Flowchart (Source: Feasibility Study)

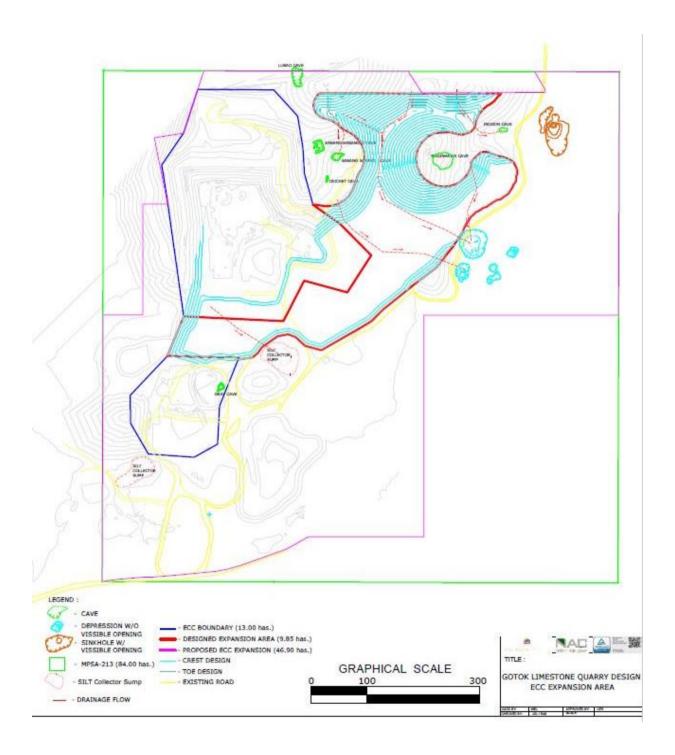


Figure 10. Proposed Gotok Limestone Quarry Expansion Project final pit design

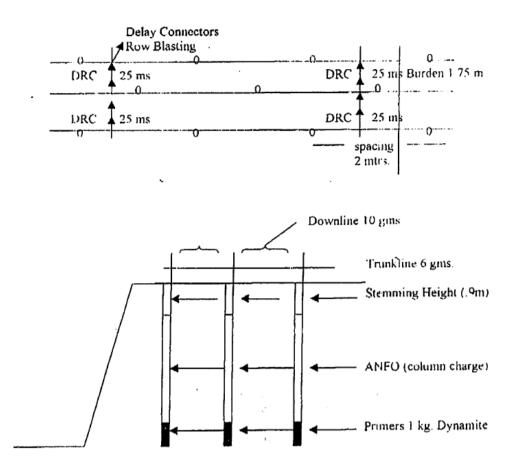


Figure 11. Cross-sectional details of the drilling and blasting patterns. (Source: Feasibility Study)

6.1.3 Stockpiling/Drying

The broken materials from blasting will be collected using backhoe excavator and loaded into dump trucks. As seen in **Figure 12**, the dump trucks will haul the limestone onto steep slopes and dump the ore over the edge with the assistance of a safety spotter. By doing this, the resulting stockpile will have a rougher, coarser particle size near the bottom, and finer materials near the top.



Figure 12. Size distribution due to gravity separation. (Source: Feasibility Study)



6.1.4 Loading and Transportation

As mentioned, broken materials will be loaded to a 10-MT dump truck using a wheel loader. From the quarry area, it will be hauled and dumped to the stockpile area located at the RTNMC Mine Site and adjacent to the Crushing Plant.

6.2 Crushing Plant Operation

6.2.1 Crushing

Once the material is fed into a receiving hopper/apron feeder of the Crushing Plant using a wheel loader or thru direct dumping by dump trucks, it will undergo the process presented in **Figure 13**. Afterwards, the crushed limestone will be temporarily stockpiled at a designated area prior to hauling to CBNC and GPI plant site.

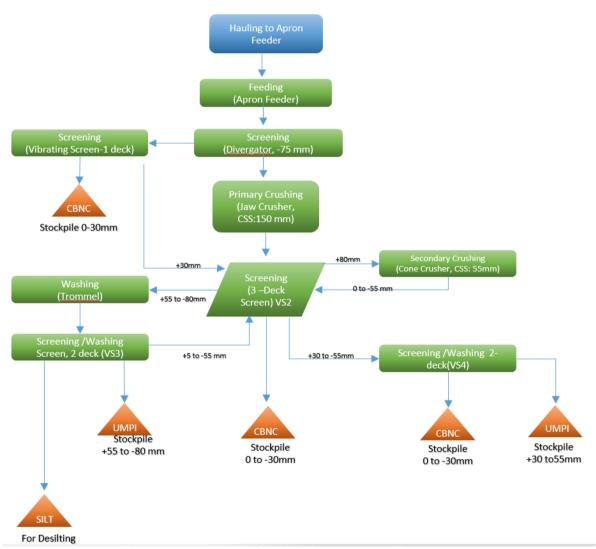


Figure 13. Limestone Crushing Plant material flow diagram



6.3 Power Supply and Requirements

Currently, RTNMC utilizes one (1) unit of 700 kW and two (2) units of 350 kW diesel generator sets as its source of power. Majority of its power requirement comes from the operation of its crushing plant. With the proposed expansion of area in the Gotok quarry, RTNMC will not require additional electric power as seen in **Table 10**.

Table 10. Crushing plant power requirement

Particulars	Power Requirement (kW-hr)		
	Existing Operation	After Amendment	
Crushing Plant Requirement	1,670,438	same	
Total	1,670,438		

6.4 Fuel Requirements

As presented in **Table 9**, the operation will require the use of several vehicles and heavy equipment to perform activities such as drilling, loading, hauling and stockpiling. **Table 11** show RTNMC's fuel requirement.

Table 11. Fuel requirements for the current and proposed operation

		Existing	Р	roposed
Equipment	Quantity	Annual Fuel	Quantity	Annual Fuel
	(No. of units)	Requirement (Liters)	(No. of units)	Requirement (Liters)*
Production Equipment				
Dump truck	21	530,000	21	590,000
Wheel Loader	10	569,000	8	450,000
Bulldozer	2	58,600	2	70,000
TX-Loader	2	239,200	2	160,000
Drills				
Air Track Drill Machine	4	96,000	4	96,000
Other Equipment				
Fuel Lorry	1	2,000	1	2,000
Maintenance Truck	1	3,000	1	3,000
Road Grader	1	17,400	1	18,000
Truck Trailer	1	500	1	500
Air Compressor	2	48,000	2	48,000
Service Vehicle				
Service Jeep	1	2,400	1	2,500
Total	46	1,566,100	44	1,440,000

Note: *Proposed Annual Fuel requirement based on estimated engine hours of equipment

6.5 Water Supply and Requirements

The current operation of the Gotok Limestone quarry only requires the use of water for its crushing plant operation, road watering/spraying activities and domestic needs.

Table 12 provides the current water consumption and the estimated increase in volume once the proposed project is implemented.



Table 12. Daily water supply and requirement

		Table 12. Dal	l water suppi	Current		locued
Han aforestan	0		0	Current	Proposed Water	Issued
Use of water	Source	of water	Capacity	water		Permits
Manpower domestic water	Water well r	00. 2*	2,059.2 m³/day	requirement 106.5 m ³ /day	requirement Same	from NWRB Water Permit Application 8617; 7.26 L/s
requirement (quarry area and crushing plant)	Water well r	no. 3	1,944.0 m³/day			Water Permit Application 8618; 16.11 L/s
	Inside Quarry Area (Water truck)	Ocayan River Mine pit and Siltation ponds	2,059.2 m³/day	14 m³/day (for 20 days per month during dry months and for 10 days per month during	Same	WP no. 159: 500 L/s WP no. 159: 500lps
Road Watering		Water well no. 2 *	1,944.0 m³/day	wet months)		Application 8617; 7.26 L/s Water Permit Application
		no. 3*				8618; 16.11 L/s
	Barangay road (3 improvised water tractor)	Oning spring and Barangay Water System***	3 m³/day	28 m³/day for (for 25 days per month)	Same	
AA IIG	Water well r	no. 2 *	2,059.2 m³/day	1,044 m ³ /day	Same	Water Permit Application 8617; 7.26 L/s
Modified Crushing Plant	Water well r	10. 3*	1,944.0 m³/day			Water Permit Application 8618; 16.11 L/s
	Tagpisa silta	ation pond **	203,588 m ³			WP no. 159: 500 L/s

Notes: * Existing water well source of domestic water for RTN plant site

Waste and Wastewater Generated 6.6

The current operation of the Gotok Limestone Quarry and crushing plant generates solid waste amounting to 9 m³ per quarter¹. The operation also generates the hazardous wastes such as used oil, used batteries, and busted fluorescent lamps as seem in Table 13.

¹ Based on 2020 Self-Monitoring Reports



^{**} Siltation pond will serve as back-up source

^{***}Currently, the Contractor of RTNMC for road watering is sourcing water from the Barangay Water System. RTNMC shall coordinate with the Contractor regarding the other source of water to allow the exclusive use of the Barangay Water System for domestic purposes of local residents.



Table 13. Hazardous wastes generation²

HW No.	HW nature	Quantity per quarter (tons)
I101	Used Oil	0.2
I104	Oil Contaminated	0.025
D406	Used Batteries	0.04125
D407	Busted Fluorescent Lamps/Bulbs	0.0015

In terms of wastewater, RTNMC generates 1,044 m³/day from the operation of its crushing plant. The wastewater is contained in a settling/recycling pond wherein, clear water will be recycled and only the overflow will be discharged into the upper Kinurong.

7.0 PROJECT SIZE

7.1 Mineral Resource Estimate

Table 14 shows the estimated limestone resources within the MPSA of RTNMC which was lifted from the Feasibility Study conducted for this proposed expansion project. The table presents resource classified as measured, indicated, and inferred resource following the PMRC standard. Based on the table, the Gotok Limestone Quarry has a total resource of 24.3 WMT with an average grade of 94.49 % CaCO₃ for the measured and indicated category.

Table 14. Gotok limestone quarry resource estimates as of end 2019

Resource Categories	Volume (m³)	Tonnage (WMT)	Grade (%CaCO₃)
Measured	4,087,789	9,729,000	94.45
Indicated	6,133,390	14,597,000	94.51
TOTAL	10,221,179	24,326,000	94.49
Inferred	5,215,260	12,413,000	94.31

Note: The estimated limestone resources has been rounded off to the nearest 1,000 tons.

7.2 Material Balance

Figure 14 shows that for the proposed operation, a 725,000 WMT annual limestone extraction will produce a topsoil/overburden of 6,000 WMT. The maximum projected annual production rate is at 725,000WMT.

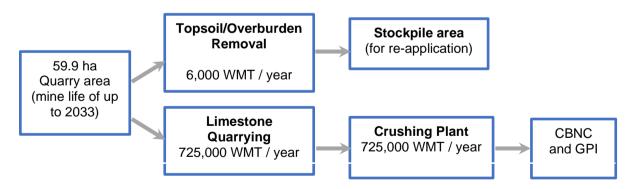


Figure 14. Material balance of the Proposed Expansion of the Gotok Limestone Quarry Project

Table 15 describes the components of current quarry operations and the proposed expansion.

Table 15. Comparative components of quarry and crushing plant operations

Component Existing Operation Proposed Expansion

213-2005-IVB SAME

² Based on 2020 Self-Monitoring Reports



MPSA



Component	Existing Operation	Proposed Expansion
ECC	ECC-CO-1801-0001	Amended ECC
Area covered in the MPSA	84.5 hectares	84.5 hectares
Total project area for the quarry operation (within the MPSA)	14.05 hectares	69.85 hectares
ECC Approved quarry area within the MPSA	13.0 hectares	59.9 hectares
Ancillary facilities within the MPSA	0.9 hectares	7.35 hectares
Access roads	0.15 hectares	2.6 hectares
Total project area for the crushing plant operation (within MPSA-114-98-IV Amended 1)	3.796 hectares	SAME
Infrastructures	1.895 hectares	SAME
Stockpile area	0.631 hectares	SAME
Access road	0.770 hectares	SAME
Storage area of explosives Total project area outside any MPSA (hauling road)	0.500 6.80	SAME SAME
Common facilities with RTNMC Nickel Operations	26.45	SAME
Annual Extraction Rate	725,000 WMT per year	725,000 WMT per year
Projected annual production rate	725,000 WMT per year	725,000 WMT per year
Mine life	Up to 2021	Up to 2033
Method of ore extraction	conventional drilling and blasting technique	SAME
Hauling road Crushing plant	10 km	SAME
Components	 Jaw Crusher - One (1) unit, Terex Jacques, JW 42, 1070mm x 760mm 125mm CSS/ discharge Roll Crusher- One (1) unit Cone Crusher, Terex- Jaques, TC100 Vibrating Screen - One (1) unit, Triple Deck, 6' x 16", 80mm top, 55mm middle and 30mm bottom; One (1) unit, NFS 1230, 1200 mm X 3000mm w/ 30mm opening, single Deck; One (1) unit Double Deck Horizontal Screen, 5' x 15', 55mm top and 3mm bottom deck Feeder - One (1) unit Apron Feeder 10-420, 1200mm width x 6.meters length Belt conveyor - Eight (8) units, 900 mm Conveyor Belt Width; Sixteen (16) units, 600 mm Conveyor Belt Width Cone crusher Trommel Desander Unit Water System 	
Size Out put	• Sumps • 0-30mm • 30-55 mm • 55- 80mm	SAME
Maximum Capacity	250 TPH	SAME
Water Source	 Water wells 2 and 3 Umawi Stream Mine pit and siltation ponds Tagpisa Siltation pond (back-up source) 	SAME
Water requirement	1,044 m ³ /day (washing plant) 16.5 m ³ /day (road watering)	SAME



Component	Existing Operation	Proposed Expansion			
	106.5 m ³ /day (domestic water				
	requirement)				
Power Source	One (1) 700 kW Diesel Generator	SAME			
Fower Source	Two (2) 350 kW Diesel Generator				
Power requirement	1,670,438 kW-hr	SAME			
Fuel requirement	1,566,100 liters	1,440,000			
Manpower requirement	213 (supervisor, operator, driver,	170 (RTNMC and its			
Manpower requirement	utilities and security guards)	contractors)			
Project Cost	PhP 376,906,207	Php 410,000,000			

8.0 DEVELOPMENT PLAN, DESCRIPTION OF PROJECT PHASES AND CORRESPONDING TIMEFRAMES

RTNMC shall employ the same type of operation for its new proposed quarry areas as its current operation which involves an open pit bench mining and which utilizes conventional drilling and blasting techniques. Figure 13 depicts the development plan/schedule of the expansion process. The following sections outline the project phases.

8.1 **Pre-construction Phase**

This phase shall include finalization of the mining plans and acquisition of necessary permits from concerned government agencies including the ECC. RTNMC has already secured its SEP Clearance from PCSD and per its conditions, the company shall secure a Tree Cutting Permit prior to construction at the quarry area.

8.2 **Construction Phase**

The construction phase shall include clearing and grubbing activities as well as tree and wildlife conservation activities. In compliance with one of the conditions of the SEP Clearance, RTNMC shall conduct balling/replanting, cloning, gene banking and other means of conservation of endemically rare or ecologically endangered wildlife species within the proposed project area which include among others: Molave, Antipolo, Amugis, Malamanga, Malacafe, Binunga and Bago tree. In addition, the caves within the MPSA shall be protected and excluded from any cutting and quarry activities.

8.3 **Operation Phase**

As mentioned, the proposed Gotok Limestone Quarry project shall include operations of the quarry area and crushing plant. In the quarry area, activities will include preparation, drilling, blasting, stockpiling, loading, and hauling.

With the proposed new area, environmental impacts such as increase in the waste and dust generation and siltation/sedimentation. Current pollution control measures being implemented by RTNMC which will also be utilized for the proposed new area are presented in Section 5.

RTNMC projects that by year 2022, only stockpiles from the current operations will remain, which allows the Company to totally start the rehabilitation of the existing quarry operation areas by then.

For the proposed new quarry areas, the development plan/schedule is presented as Figure **15**.



PROJECT DESCRIPTION

Proposed Expansion of the Gotok Limestone Quarry Project Rio Tuba Nickel Mining Corporation



Activities					2021						2024	2025	2020	2027	2020	2020	2020	2024	2022	2033															
Activities	J	F	М	Α	M	J	J	Α	S	0	Ν	D	J	F	M	Α	M	J	J	Α	S	0	N	D	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
A. Permitting																																			
PCSD SEP Clearance																																			
ECC Amendment																																			
Tree Cutting Permit																																			
B. Development																																			
1. Tree Cutting/Clearing																																			
2. Road Construction/Quarry																																			
Development																																			
C. Production																																			
3. Quarrying/Production																																			
4. Crushing/Production																																			

Figure 15. Development plan/schedule of the proposed expansion of the Gotok limestone quarry project



8.4 Abandonment/ Rehabilitation Phase

Once RTNMC has secured its ECC, the company will proceed with the creation of the Environmental Protection and Enhancement Program (EPEP) and the Final Mine Rehabilitation and Decommissioning Plan (FMR/DP) that will be submitted to MGB.

9.0 MANPOWER

RTNMC and its contractors currently employ 170 for the current operation. The number of personnel remain the same.

Table 16. Existing and proposed manpower requirements of the Gotok quarry

Manpower	Number
RTNMC Regular	
Staff	3
Supervisor	9
Technical	4
RF	6
RTNMC Non Regular (Project Based)	
Skilled	33
Semi-skilled	3
Unskilled	48
Sub-total (RTNMC)	106
Contractions	
Consolidated Explosives Group	12
Corp.	
Batarasa Consolidated, Inc. (BCI)	52
Sub-total	64
Total (RTNMC & Contractors)	170

10.0 PROJECT INVESTMENT

RTNMC estimates the total project cost to be around Php 410 million which covers existing facilities, planned acquisitions and development. a



PROJECT DESCRIPTION

Proposed Expansion of the Gotok Limestone Quarry Project Rio Tuba Nickel Mining Corporation



ANNEXES





Annex 1. ECC



Republic of the Philippines Department of Environment and Natural Resources ENVIRONMENTAL MANAGEMENT BUREAU

DENR Compound, Visayas Avenue, Dilman Quezon City 1116. Telephone Nos.: (632) 927-1517, 928-3725, Fax No.: (632) 920-2258. Website: http://www.emb.gov.ph

JUN 13 2019

ECC-CO-1801-0001

Mr. Augusto C. Villaluna
Vice President for Operations
RIO TUBA NICKEL MINING CORPORATION
29th Floor NAC Tower, 32nd Street
Bonifacio Global City, Taguig City

Subject : ENVIRONMENTAL COMPLIANCE CERTIFICATE

Dear Mr. Villaluna:

This refers to your application for amendment of the Environmental Compliance Certificate (ECC) for the proposed **Gotok Limestone Quarry Project** located in Barangays Sandoval, Rio Tuba and Iwahig, Municipality of Bataraza, Province of Palawan.

After satisfying the requirements of the Presidential Decree No. 1586 and its implementing rules and regulations and upon recommendation of the Environmental Impact Assessment Review Committee (EIARC), the Department through EMB, has decided to grant an ECC to the above-mentioned project superseding the previously issued ECCs.

With the issuance of the ECC, you are expected to fully implement the measures presented in the Environmental Performance Report and Management Plan (EPRMP) intended to protect and mitigate the project's adverse impacts on community health, welfare and the environment. Likewise, environmental considerations shall be incorporated in all phases and aspects of the project.

This Certificate does not create any right nor shall be used as an authorization to implement the project, you may proceed with the implementation only after securing all the necessary and relevant permits from other pertinent Government Agencies. This Office shall be monitoring the project periodically to ensure strict compliance with the stipulations cited in the attached ECC.

Please be guided accordingly.

Very truly yours,

By the Authority of the Secretary:

ENGR. METODIO U. TURBELLA Director

cc:

EMB MIMAROPA MGB Central Office DENR MIMAROPA MGB MIMAROPA BMB FMB DOLE-BWC MIMAROPA DOH MIMAROPA

NCIP PCSD

LGU - Province of Palawan LGU - Municipality of Bataraza

Protect the environment... Protect life...



Republic of the Philippines Department of Environment and Natural Resources ENVIRONMENTAL MANAGEMENT BUREAU DENR Compound, Visavas Avenue, Diliman Quezon City 1116

Telephone Nos.: (632) 927-1517, 928-3725; Fax No.: (632) 920-2258 Website: http://www.emb.gov.ph

ENVIRONMENTAL COMPLIANCE CERTIFICATE

(Issued under Presidential Decree No. 1586)

ECC-CO-1801-0001

THIS IS TO CERTIFY THAT THE PROPONENT, Rio Tuba Nickel Mining Corporation, as represented by its Vice President for Operations, Mr. Augusto C. Villaluna, is granted this Environmental Compliance Certificate (ECC) for the Gotok Limestone Quarry Project located in Barangays Sandoval, Rio Tuba and Iwahig, Municipality of Bataraza, Province of Palawan by the Department of Environment and Natural Resources (DENR) through the Environmental Management Bureau (EMB).

SUBJECT to the conditions and restrictions set out herein labeled as Annexes A and B. This Certificate shall supersede the following ECCs:

- ECC Ref. Code 0201-021-313 issued on 10 July 2002; and
- ECC Ref. Code 0701-002-3721 issued on 01 February 2007.

This Certificate is issued with the following details:

PROJECT DESCRIPTION

This Certificate shall cover the limestone quarry operation with an annual extraction rate of 725,000 WMT within the Mineral Production Sharing Agreement (MPSA) No. 213-2005-IVB and crushing operation within the MPSA No. 114-98-IV. The total project area to include its crushing facilities and common facilities with Coral Bay Nickel Corporation is 51.10 hectares bounded by the coordinates delineated in the EPRMP.

Quarry Operation	13 ha quarry area, quarry stockpile area, top soil stockpile area, sill collector sumps and access roads							
Crushing Plant Operation	250 TPH crushing plant, crushed limestone shed, crusher feed area, crushed limestone stockpile area, access road, and water settling/recycling ponds							
Haul road	6.80 km road connecting the quarry and crushing plant areas							
Magazine Area	0.5 ha located within MPSA 114-98-IV							

This Certificate is issued in compliance with the requirements of Presidential Decree No. 1586, and its Implementing Rules and Regulations. Non-compliance with any of the provisions of this Certificate shall be a sufficient cause for its

Environmental Compliance Certificate
Gotok Limestone Quarry Project
Rio Tuba Nickel Mining Corpora Project the environment... Protect life





PROJECT DESCRIPTION

Proposed Expansion of the Gotok Limestone Quarry Project Rio Tuba Nickel Mining Corporation



cancellation and/or imposition of a fine in an amount not to exceed Fifty Thousand Pesos (\$\P\$50,000.00) for every violation thereof without prejudice to imposition of fines and penalties under other environmental laws. The EMB, however, is not precluded from reevaluating and correcting any deficiencies or errors that may be found after issuance hereof,

Issued at DENR, Quezon City, Philippines, this Approved by the Authority of the Secretary: Recommending Approval: ENGR. ESPERANZA A. SAJUL ENGR. METODIO U. TURBELLA Chief, ElAM Division Director STATEMENT OF ACCOUNTABILITY

I. Augusto C. Villaluna, Vice President for Operations, representing Rio Tuba Nickel Mining Corporation with office address located in 29th Floor NAC Tower, 32nd Street, Bonifacio Global City, Taguig City, take full responsibility in complying with all conditions in this Environmental Compliance Certificate (ECC).

Signature TIN 110 - 703 - 740

9th of July , 2019 , the above-Subscribed and sworn to before me this named affiant taking oath presenting Pp#: 16 59239345 oct. 17, 2015 at OFA Manila

Notary Public

CHRISTINE JOANNE F. DE CLARD-NAVARRO CHRISTINE KORNNE F. DE CLARD-NAVARRO Appolyment No. 95 (2013-2019)

Motory "Public for and in the City of Tapule

Until December 31, 2019

FIR No. 14 (28555) / 16 (anuary 2019) / Tapule City

IRP Lie Member and No. 038007 / DR No. 022319 / 03 Feb 2018

MCLE Compilance No. VI-0019626, until 14 April 2022

ZEF NAC Tower, 32md 51., 8GC, Tapule City

Environmental Compliance Certificat Gotok Limestone Quarry Project. Rio Tuba Nicket Mining Corporation

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Annex A

I. CONDITIONS

ENVIRONMENTAL MANAGEMENT

All commitments, appropriate mitigating/enhancement measures and monitoring requirements contained in the Environmental Performance Report and Management Plan (EPRMP), particularly in the Environmental Management Plan (EMP) and Environmental Monitoring Plan (EMoP), as approved by the EMB, shall be instituted to minimize any adverse impact of the Project to the environment throughout its implementation, including the following:

- 1. The proponent shall continue to observe appropriate quarrying and vegetative restoration practices, land use, soil and water management, which shall include but not limited to the following:
 - a. Proper stockpiling and disposal of materials generated from the quarry site, silt materials scooped-out from the settling ponds, and other solid waste in permanent, stabilized areas away from any water body and drainage systems, as well as maintained in safe and non-polluting conditions;
 - b. Strictly effect stabilization and erosion control of all side slopes of the roads and nearby gullies, creeks and rivers affecting impact areas, as well as those of siltation ponds;
 - c. Use the recovered topsoil for re-soiling or as soil cover on waste dumps and other disturbed areas for rehabilitation and revegetation. Temporary stockpiles shall be properly maintained and managed; and
 - d. Provision of necessary storm drainage and diversion canals, culverts, and other flood control measures to adequately receive and channel the silt-laden runoff away from natural receiving bodies of water.
- 2. Continue implementation of an effective Information, Education and Communication (IEC) Program to inform and educate all stakeholders, especially its contractors, workers, and local residents about the
 - a. Mitigating measures embodied in its EPRMP, the conditions stipulated in this Certificate and the environmental and human safety features of the project for greater awareness, understanding and sustained acceptance of the project;
 - b. Disaster risk reduction management measures and climate change related issues/concerns; and
 - Schedule of blasting operations and safety protocols.

Submit a report of IEC implementation to the EMB Central Office and EMB MIMAROPA as part of the semi-annual Compliance Monitoring Report (CMR);

3. Continue implementation of Social Development and Management Plan with indigenous people (IP) and non-IP as well as other existing agreements with the affected communities.

Environmental Compliance Certificat Gotok Limestone Quarry Project Rio Tuba Nickel Mining Corporation







- 4. Maintain a reforestation and carbon sink program using endemic/ indigenous species to offset greenhouse gas (GHG) emissions of the project in line with the DENR's thrust for GHG emissions reduction programs and National Greening Program. The program shall be submitted to EMB Central Office and EMB MIMAROPA thirty (30) days upon receipt of this Certificate;
- 5. Maintain and further enhance the 40 meters wide buffer zone measured landward along the river system/ stream banks' high water line and along the entire periphery of the project;
- 6. Implementation of cave management program exclusive and limited to the project area which will include buffer zone maintenance and protection of caves from blasting activities;
- 7. Controlled blasting operation shall be implemented to minimize ground vibration, air blast and potentially dangerous flyrocks. Sirens shall be sounded before and after blasting to announce start and end of blasting activity. Blasting activity should be undertaken during day time only;

GENERAL CONDITIONS

- 8. The proponent shall comply with the environmental management and protection requirements of the pertinent provisions of the Philippine Mining Act of 1995 (RA No. 7942) and its Revised Implementing Rules and Regulations (DAO No. 2010-21), Harmonization of the Implementation of the Philippine Environmental Impact Statement System and the Philippine Mining Act of 1995 (DAO No. 2015-02) and Guidelines on Public Participation under the Philippine Environmental Impact Statement System (DAO No. 2017-15).
- 9. The proponent shall ensure that its contractors and sub-contractors strictly comply with the relevant conditions of this Certificate;
- 10. Submission of a CMR through EMB Central Office Online (CMR-Online) System together with report on SDMP;

II. RESTRICTIONS

- No activities shall be undertaken other than what were stipulated in the final
- In case of transfer of ownership of this project, these same conditions and restrictions shall apply and the transferee shall be required to secure an amendment of this ECC with the EMB Central Office within fifteen (15) days from the transfer of ownership.

Date : Processing Fee :

8082545

Environmental Compliance Certificate Gotok Limestone Quarry Project Rio Tuba Nickel Mining Corporation







Annex B

PROJECT ASSESSMENT PLANNING TOOL

For the assistance of the Proponent and the Government agencies concerned in the management of the Project and for better coordination in mitigation of the impacts of the Project on its surrounding areas and the environment, the following have been recommended by the this Office to the parties and authorities concerned for appropriate action.

RECOMMENDATIONS TO CONCERNED GOVERNMENT AGENCIES	RESPONSIBLE AGENCY
Proponent shall comply with the following: a. Sanitation Code of the Philippines b. Building Code of the Philippines c. Ecological Solid Waste Management Act	LGUs concerned
Labor Code of the Philippines and occupational health and safety standards for mining activities.	DOLE-BWC/DENR- MGB
3. Tree cutting permit	DENR Regional Office
4. Water Rights Permit	NWRB

ENVIRONMENTAL PLANNING RECOMMENDATIONS

- Preference for employment shall be given to qualified local residents.
 Adequate public information on jobs available for local residents in the affected areas shall be provided;
- The proponent to conduct Biodiversity Monitoring System/Program as well as analysis in coordination with the DENR and PCSD;
- 7. An independent third party shall be commissioned to undertake an environmental audit and submit a report every three (3) years. The result of third party environmental audit, including auditing of risks and hazards of the Project, shall be submitted to EMB Central Office; and
- A continuing study on the effects of the project on health of workers and affected residents shall be conducted every five (5) years. The results of the study shall be submitted to the Department of Health (DOH).

For dissemination and proper action of the agencies concerned.

ENGR. ESPERANZA A. SAJUL Chief, EIAM Division ENGR. METODIO U. TURBELLA

Environmental Compliance Certificate Getok Limestone Quarry Project Rio Tuba Nickel Mining Corporation



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Proposed Expansion of the Gotok Limestone Quarry Project Rio Tuba Nickel Mining Corporation



Annex 2. MPSA

See attached file



Proposed Expansion of the Gotok Limestone Quarry Project Rio Tuba Nickel Mining Corporation



Annex 3. SEP Clearance

See attached file



Proposed Expansion of the Gotok Limestone Quarry Project Rio Tuba Nickel Mining Corporation



Annex 4. Feasibility Study

See attached file



Proposed Expansion of the Gotok Limestone Quarry Project Rio Tuba Nickel Mining Corporation



Annex 5. Final and Complete Exploration Report See attached file

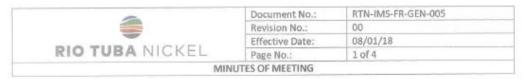






Summary of the Issues and Concerns Raised during the Meeting

Barangay Sandoval



Title IEC on Gotok Limestone Quarry Project Expansion	
Venue	Covered Gymnasium, Barangay Sandoval, Bataraza, Palawan
Date / Time	July 6, 2022/ 9:56 AM
Purpose	IEC Re Expansion of Gotok Limestone Quarry Project to Brgy. Sandoval communities.

- ATTENDEES
- 2. CALL TO ORDER
- 3. REVIEW OF THE MINUTES OF THE PREVIOUS MEETING
- A ACENIDA

Issues and concerns from the project's stakeholders:

issues and concerns raised on the following modules.	Sector or Persons who raised the issues/concerns	Proponent Responded to Issues and concerns
Description:		
Land		
We know that there so many projects implemented from RTRN and CBNC. The most important project to us is the Scholarship Program because if we have no education, we cannot understand you. So, thank you very much RTN for the projects. It's so sad there are many Barangays sharing with the Gotok projects, there are still Ocayan and Rio Tuba. It was said that the Brgy. Ocayan was included because as per Brgy. Capt. Recla all vehicle going and out of Gotok project are passing by to Ocayan and they are prone to vehicular accident. We have now a big project from Gotok budget, the multipurpose pavement/solar dyer, let us check the quality of the project. My last question, is Brgy. Ocayan and Brgy. Rio tuba still included in the sharing?	Perto Pital - Kagawad, Bgry. Sandoval	Venice Teresa Guian, RTN SDMP Supervisor: Regarding the quality of the projects implemented under SDMP/CSR, all infrastructure projects were course through with our SDMP Engineer and Community Development Coordinators. All projects were monitored based on his plans and specifications and evaluation being done simultaneously. We can assure you of the standard quality of the projects being implemented both for Gotok and Nickel projects. Regarding Barangays included in Gotok Limestone Quarry Project, Barangays Sandoval and Iwahig being the host Barangays and Ocayan and Rio Tuba being the neighboring Barangays. So Iwahig and Sandoval are priority in sharing as host barangays then Rio Tuba where crushing plant is located and Ocayan where the road is within the boundary as neighboring communities.
Why is it that there is an equal sharing of budget from Gotok project: Brgys. Sandoval and lwahig.	Erlinda Barrameda - Kagawad Brgy. Sandoval	Venice Teresa Guian, RTN SDMP Supervisor: Based on the studies conducted and based on our Environmental Compliance Certificate (ECC) awarded by MGB our hos communities are the Barangay Sandoval









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		and Iwahig. That's why the 2 barangays have the same share which is almost 45% , Janice Tupas – Mine Environmental Protection and Enhancement Officer/Pollution Control Officer:
Air		
Water		
People		
We would like also to avail of the stall in the market /and or sell our products inside the town site.	Letecia Jamate - Brgy. Sandoval resident	Venice Teresa Guian, RTN SDMP Supervisor: If Barangay Sandoval is interested to sell their products inside the RTN townsite, you can create an association in your Barangay then submit a letter request to the RTN management care of ComRel.
Issues regarding gate entry: When going to IPDO office my motorcycle was not allowed to enter to RTN townsite even informing the guards that I am an official of Indigenous People (IP). Is it only Chieftain allowed to enter going to IPDO office?	Lepin Purong — Adviser of Chieftain Nelson Budong, So. Barakbarakan	Venice Guian – SDMP Supervisor: There is a company policy that no sticker no entry, but we will inform the RTN Management and the Security Department regarding the matter. We will inform also Ms. Velma Chollipas.
The same issues with Lepin Purong: issues regarding RTN gate entry. Motorcycle was not allowed to enter RTN townsite/mine site going to Admin/Cashier. There are times that we need to go to Admin or Cahier so we are asking guards on duty to allow us to enter but they said we are following company policy. We may ask a favor that IP officials may allowed to enter from BCI to RTN premises especially when transacting official business. Your favorable action is very much appreciated.	Elias Acat — Kagawad Brgy. Sandoval	Rodolfo Campos – Head Mine Operations: We have an Admin representative; they can attend to those issues. Admin to give an authorization to enter RTN townsite and Admin area. Security department to inform re the issues from the IP community. We will try to work out your passesIDs to RTN townsite /Admin to transact official business.
Regarding the needed employees at Gotok Limestone Quarry Project, you said earlier that there are 170 employees needed but as now we are only 2 drivers.	Elias Acat – Kagawad Brgy. Sandoval	Rodolfo Campos – Head Mine Operations: Admin representatives are here to hear your complaints regarding hiring of employees for Gotok Limestone Quarry Project.







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If Gotok project will be approved May I request that you hire a local		We will see to it that priority in hiring are local people from Sandoval and Iwahig
people from the community		communities.
especially from Brgys. Sandoval and Iwahig. There are many		
unemployed here at Sandoval and		
Iwahig. Can we recommend them		
for employment?		
Follow-up to the issues re RTN	Perto Pital - Kagawad, Bgry.	
gate entry: In 2018, I submitted a	Sandoval	
resolution through the RTN	Salluovai	
Admin Mr. Boy Masindo and the		
time of Resident Mine Manager		
Cynthia Rosero that we are		
allowed to enter RTN		
townsite/RTN Admin area		
because we have also some		
official transactions.		
Additional question regarding the	Susan Bardago - Kagawad Brgy.	Venice Teresa Guian - SDMP Supervisor:
Gotok project: Solar dyer/Multi-	Sandoval	Yes, we know your apprehension but much
purpose Pavement that we	Surrous	on our part because monitoring of SDMP
consider as one of the big		projects is being done by Mine and
projects from Gotok budget. But		Geosciences Bureau (MGB). All SDMP
we heard that the on-going		infrastructure projects are course through
construction is sub-standard, "		our SDMP Project Engineer Roland Recla in
manipis ang pagkagawa". We are		coordination with Community
expecting that the project will be		Development Coordinator. For the
for long term use. We have to		information of all, it is a Barangay
monitor the project religiously.		Administrative Project and it is an on-going
moment the project rengiously.		project. A onetime big-time project of
		Gotok budget.
Thanking Kagawad Susan Bardago	Erlinda Barrameda - Kagawad	Venice Teresa Guian - SDMP Supervisor:
for the concern to the on-going	Brgy, Sandoval	Rest assured that we will monitor the
project. We are also concern to		project in accordance to the plan.
our Gotok project. Do not blame		
me because I am not the		
contractor of the project.		
Contractor of the project		
If there is a budget again from	Perto Pital - Kagawad, Bgry.	Rodolfo Campos – Head Mine Operations:
Gotok Project in 2023 what will	Sandoval	Advised to monitor the project and discuss
be the next project. I submitted a		it with the Barangay Council. See to it that
resolution addressed to Mayor		the project will be benefited by the
regarding mini gymnasium to be		community. Project budget will be
constructed on the same location.		protected for your own community.
If in case Gotok project is	Elias Acat – Kagawad Brgy.	Rodolfo Campos – Head Mine Operations:
extended for another 10 years,	Sandoval	Admin representatives heard your request





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we would like to request that		Brgys. Sandoval and Iwahig communities
local people from Brgys. Sandoval		be prioritized in hiring especially those
and Iwahig be prioritized in the		from Gotok area.
employment. Ma'am Venice		
Guian could endorse it to the RTN		
Admin for hiring.		
All local community supports the		
expansion of the Gotok		
Limestone Quarry Project.		
Regarding the Gotok project,	Conchita	None
thanking the council, Kagawad	Batiller – Kagawad Brgy. Sandoval	
Erlinda Barrameda and Brgy.		
Capt. for supporting the big		
project implemented at Gotok		
area.		
We hope that the Gotok project		
be extended and we will give our		
full support to the programs.		
		I

Supervisor

Prepared by:

Do you agree in the expansion of Gotok Limestone Quarry Project?

> Joseph C. Vlacrucis Monitoring & Evaluation Officer

Noted by:

Venice Teresa Guian - SDMP Response from the communities: Yes we

agree.

Venice Teresa N. Guian

SDMP Supervisor/Gotok ComRel In-charged





Barangay Iwahig



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Title	IEC on Gotok Limestone Quarry Project Expansion	
Venue	Covered Gymnasium, Barangay Iwahig, Bataraza, Palawan	
Date / Time July 6, 2022/ 2:40 PM		
Purnose	IEC Re Expansion of Gotok Limestone Quarry Project to Brey, Iwahig Communities	

- 1. ATTENDEES
- 2. CALL TO ORDER
- 3. REVIEW OF THE MINUTES OF THE PREVIOUS MEETING
- AGENDA

Issues and concerns from the project's stakeholders:

Issues and concerns raised on the following modules.	Sector or Persons who raised the issues/concerns	Proponent Responded to Issues and concerns
Description:		
Land		
Asking the IEC team, what will be the activities to do when Gotok Limestone Quarry Project be extended in the area. To dig out the soil, or we can visit the area before the activity starts. There is a cave and a whole in the area inside the quarry project. There are also many wildlife in the area.	Dambo Kurob – Chi eftain, Kulantuod	Frenan Reyes –RTN, Mining Engineer: The Gotok quarry area has a 50meter buffer zone. The cave and the wildlife present on the area will be protected. The total area is 59.9 has but only 9 has will be use for the project.
Water		
Regarding Gangub area: I am not sure if this is caused by the quarry, for the information of all. The area at Gangub near the rice field, there was an instant sudden flooding in the area even there is no rain. Anybody who has an idea where did the water came from.	Jenelyn Asnola – old scholar	Janice Tupas — Mine We cannot identify the areas and not sure of the exact location, we will conduct an ocular inspection to check the area. If you remember last 2018, the Magkagat area was flooded, and it was inspected by MGB personnel and they concluded that: First, is the climate change, caused by the inconsistent changes of the climate. Second, there is no established drainage system in the area. So, if there is no drainage water will flow anywhere in the area. If it is caused by the Gotok quarry project, we will take necessary actions.
I grew up here and still residing here at Brgy. Iwahig, the area was owned by my uncle, What I	Subang Fontanilla – Brgy, Iwahig resident	Is is a living testimony as per emcee. Ocular inspection still recommended.







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observed about the area, if there is rain there is flood, but if there's no rain there's no flood. It really happening before the time of Gotok Limestone Quarry Project. It's confusing. If the flood	Dambo Kurob – Chieftain.	Double check of the area still
happened in the national high way – government, it's far from the quarry area so it is not caused by the Gotok quarry project.	Kulantuod	recommended by RTN team.
We would like to request for the delivery of drinking water to Kulantuod even once a week.	Mustapa Jalikin – Kulantuod Tribal Kagawad	Venice Teresa Guian — SDMP Supervisor For the information of all, we have a water system for the 6 Barangays but there were problems encountered like cutting of pipes. Plan for rehabilitation of the water system is on-going. There is a need of the Free Prior and Informed Consent (FPIC) as requirement to apply for the water system rehabilitation. As of this time, I cannot promise you anything but will inform the incharge of the water truck delivery.
"Sang-ayon po ba kayo sa expansion ng Gotok Linestone Quarry Project?	Venice Teresa Guian – SDMP Supervisor	Community: Oo.
The Barangay Iwahig shows full support to the expansion of Gotok Limestone Quarry Project.	Javier Matrasal - Brgy. Captain Iwahig	

Prepared by:

Jocella C. Viacrucis Monitoring & Evaluation Officer

Noted by:

Venice Teresa N. Gulan SDMP Supervisor/Gotok ComRel In-charged





Barangay Rio Tuba



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MINUTES OF MEETING

Title	IEC on the EXPANSION OF GOTOK LIMESTONE QUARRY
Venue	Gymnasium, Barangay Rio Tuba
Date / Time	July 7, 2022 , 2:00 PM
Purpose	Information Education Campaign (IEC)

Sector or Persons who raised the Issues/Concerns	Proponent Respond to Issues and Concerns
Esraquin Carnain Tribal Chieftain of Kinurong	Cherry Salanga, HR Recruitmen and Training Supervisor Noted for the hiring of employment here in Barangay Rio Tuba There's no discrimination of hiring or recruitment for siblings as long as they are in different departments. With regards to qualification of hiring it depends on the Job order. Rodolfo T. Campos, OIC, Residen Mine Manager – RTNMC Suggests to HR to prioritize the hiring within Bataraza.
Nelsie Pansari Tribal Kagawad, IP Bukid-Bukid	I am tribal kagawad of IP Bukid-Bukid, we are thankful that because of RTNMC, we have Social Development Management Project (SDMP) that composed of livelihood, education, health that we are enjoyed right now. The IP community are very supportive to the RTNMC.
Comrel SDMP Supervisor	 Do you agree for the Expansion of Gotok Limestone Quarry?
	All Participants, Yes we agree!
	Esraquin Carnain Tribal Chieftain of Kinurong Nelsie Pansari Tribal Kagawad, IP Bukid-Bukid Venice N. Guian

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Prepared by:

Jenny M. Dela Vega Comrel Dev't Coordinator

Checked by:

Venice N. Guian SDMp Supervisor





LGU - Municipality of Bataraza



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ES OF MEETING		

Title	IEC on Gotok Limestone Quarry Project Expansion
Venue	Function Room, Bataraza Municipal Building
Date / Time	April 26, 2021/ 1:30 PM
Purpose	IEC Re Expansion of Gotok Limestone Quarry Project to LGU Bataraza

- 1. ATTENDEES
- 2. CALL TO ORDER
- 3. REVIEW OF THE MINUTES OF THE PREVIOUS MEETING
- 4. AGENDA

Issues and concerns raised on the following modules.	Sector or Persons who raised the issues/concerns	Proponent Responded to Issues and concerns
Description:		
Land		
Gotok rehabilitation area could be included as one of the Tourism sites, the RTN park, and other projects on environmental rehabilitation areas as officially recognized by the company and through our Municipal Tourism Office. Domestic tourists, Palaweños, students could come with proper legislation.	Alma Valledor — Bataraza Municipal Planning and Development Officer	Rodolfo Campos -Mine Operation Division Head There is a forest rehabilitation since then and now they can see the progress of the rehabilitated areas (based on the map presentation). Reynaldo M. Dela Rosa - RTN ComRe & External Admin Manager Mr. Dawili, Municipal Tourism Officer already visited the possible tourism sites especially our project in Nickel which is the Eco Tourism Park in the mining area. The company and LGU Bataraza could possibly be partners and with Memorandum of Agreement. Visitors Center is also a good idea to start up.
It was mentioned in the presentation that in every tree that was cut, 100 seedlings/trees will be planted. We are recommending Barangays Tarusan and Marangas as the tree planting areas where there are slash and burn (kaingin) areas.	Alma Valledor – Bataraza Municipal Planning and Development Officer	Reynaldo M. Dela Rosa - RTN ComRe & External Admin Manager Yes Ma'am we will consider and in coordination with our Environment Department.
Do you have an Environmental Management Plan?	Alma Valledor – Bataraza Municipal Planning and Development Officer	Reynaldo M. Dela Rosa - RTN ComRe & External Admin Manager







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	A Levelley Stary Printers	Our Environmental Management Plan is integrated with EPEP.
Air	The to be seen and the second	
Water		
What about Watershed Management Plan. Can we request a copy of the Watershed Management Plan, if there is with specific, realistic plans and activities.	Alma Valledor – Bataraza Municipal Planning and Development Officer	Ronelbert A. Suguitan – RTN OIC, Resident Mine Manager In Gotok, we don't have it yet. A third party will be commissioned to conduct the Watershed Management Plan, before submitting the ECC, we will be providing the LGU of the copy. This is to update the development of the area. Jayson Lomboy - Mining Engineering Department Manager Copy of the Watershed Management Plan will be given to MPDO and to all concerns since it is also a public document. It will be presented to the communities as well. EMB will handle the presentation of the final plan as par of the Public scoping.
People		
Is IEC regarding Gotok Expansion conducted with the communities? to address some issues like the concerns on Kulantuod road and the box culvert at Gotok road.	Alma Valledor – Bataraza Municipal Planning and Development Officer	Reynaldo M. Dela Rosa – Community Relations ans External Admin Manager: IEC to the communities were already conducted within the Gotok areas last year. Public scoping will be conducted facilitated by EMB. MPDO, MENRO and all other concerns will be invited. Ronelbert A. Suguitan – RTN OIC, Resident Mine Manager Public scoping is required and mandated by the law.

Prepared by:

Jocelia C. Viacrucis Monitoring & Evaluation Officer

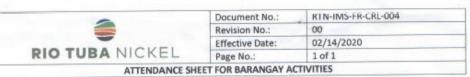
Noted by:

Venice Teresa N. Guian SDMP Supervisor/Gotok ComRel In-charg



Attendance Sheet

Barangay Sandoval



DATE/TIME:	July 6, 2022/9:45 Jam
PURPOSE/S:	IEC for Expansion of Gotok Limestone Quarry Project
BARANGAY:	Barangay Sandoval
VENUE:	Barangay gym

NO.	PANGALAN*	EDAD	KASARIAN	BARANGAY/SITIO	KATUNGKULAN	CONTACT#	LAGDA
1	Perpo O. Mital	11	L	SANDOUAL	SO MEMBE	K NONE	Hym
2	Persita P. Acat	49	P	- 11	WRUTY	NONE	Ship
3	Melcy S. Reuswa	735	B	11	11	116	Mela
4	Alainia Alakan		8	11	MTILITY	11	Talongo
5	TEOFILO M. SATO		L	Sandoval	Pay Fogood	1 (Total
6	Jinky C. Agod	99	B	Sondoval	WITHTY	09972038461	Buther
7	Rych Mar H Tup	35	B	Sandwal	Brogg. Truck.	09050446798	CP:/
8	NELL 7 B. BALLERS		6	SAMDOUNL	BUT SEC.	0967-512-74190	Wingreen .
9	Marylles.Cato		В	Sonpaval		091679776	2000
10	JAMES T- C ATACHE	-	3	CANDOVAL		093536400	T Chart
11	Lucita O. Pasa	28	台	Sandord	B1+0	_	Core
12	Nernelyn sollino		B	surdival			Nemalyn
13	Leticia P. Shough	42	D	Sendural	BHEV	0416446583	mit
14	RANCY T. LUHAN		3	" PROPE	e		ML
15	Precious Jay Mates		b	11 Proper	Unury		files
16	Danipales L. Bo	all 40	4-	sandonal	Kayawad	09318723	773 2
17	Martyn S. Ho		13	Sandorne	BHW	0975486004	apri
18	JOVELYN S. PANDAN		B	Sondoral	CDW	01942104011	M.
19	NOREIVN ACO	28		Sandoval			mel
20	ARMENO ROUTEN	Sein					1
21	Rowena ACET		42				CHP
22	Paite Acat		1				Pago
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25	Angelica Borres	20	A	SANDONAL			Em







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ATTENDANCE SHEET FOR BARANGAY ACTIVITIES	

DATE/TIME:	July 4, 2022/ 17:57,am
PURPOSE/S:	IEC for Expansion of Gotok Limestone Quarry Project
BARANGAY:	Barangay Sandoval
VENUE:	Barangay gym

NO.	PANGALAN*	EDAD	KASARIAN	BARANGAY/SITIO	KATUNGKULAN	CONTACT#	LAGDA
1	kosalinda	37	Baloe	SAHDOVAL			20
2	Wenn Astar	26	Babae	SANDUNAL			Who
3	Realyn Astar	31	babae	Sandoval			Rmousta
4	Painton Histor	24	halake	Sandorol			Ker
5	Danika Anggaras	19	bollow	randoval			Delicate
6	Elena Acat	22	babae	Sandoval		- 4	
7	Sandra Anggapo	5 12	babac	Sandoval			Japa
8	Beak Salacar	14	Labore	Sandoval			Jus
9	Ruel Dunay		Jajake	Kari Pari		-	=
10	Rajour Parz Limner	18	lalake	Proper			A
11	Kimbijha T. Twhate	35.	Berbark	Proper			Made
12	crizia amn Til		Balaie	Proper			Conact
13	Wribel Logail		Babae	Proper			NI
14	Julda Mai			Proger Sandole)	(Anna
15	Samuel Patin		Lalafei	Gold			A'
16	Conclide Bank	68	Cabre	Sandwal		5	Grand
17	Enlinda James		#	Detak			Kand
18	Tigin Prozony		Taladas	Sunsacrel		7.	K
19	N. JEAN IS PALMON		LALAKI	SANDOVAL			K
20		28	GaBre	Sandoval		,	Couls
21	Nolaida vadez		Bakae	Sandeval			N alorida
22	Myralun e whit		Bahar	Sandojal			Mobil
23	Aubaina M. Rinsonny		Buba	Sandand			- Crashin
24	Satorina Principa		labar	candoval			godania
25	Rogielyn Be		bulue	Sandoval			8my







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ATTENDANCE SHEET FOR BARANGAY ACTIVITIES

DATE/TIME:	July 6, 2022/ 9://jam	
PURPOSE/S:	IEC for Expansion of Gotok Limestone Quarry Project	
BARANGAY:	Barangay Sandoval	
VENUE:	Barangay gym	

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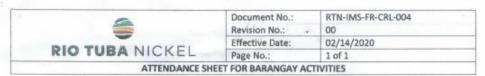
EDAD KASARIAN BARANGAY/SITIO KATUNGKULAN CONTACT# LAGDA

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Barangay Iwahig



DATE/TIME:	July 6,2022/2:4elpm	
PURPOSE/S:	IEC for Expansion of Gotok Limestone Quarry Project	
BARANGAY:	Barangay iwahig	
VENUE:	Barangay gym	

NO.	PANGALAN*	EDAD	KASARIAN	BARANGAY/SITIO	KATUNGKULAN	CONTACT#	LAGDA
1	Known S. RAMOS	28	BABAE	PUO, IWAHIG	PROF. STORETHRY	094602461	94.
2	LOKE & RODRIGH	53	Mabae	PASO IWAHIC	WOMEN	1001 07 899 CM	1 Krays
3	Datsoflyn N. Villonger	41	Babae	PASO, IWAHIG	UTILITY.	09467528098	Millow
4	Jorelan C Asnola	26	Babae	Warpert ap I Justia			
5	DUNNIA P. PARIKSA	ar	BADAE	PRID, IWAHIC	Admin Lide!		71.1
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10	ROMEN PLANTER	100000000000000000000000000000000000000	CALAK	NAPNAPI	PAPINIF		Ranes
11	Pelto Askers		LALake	Iwahi a			aska
12	Jamie Addition	28	lalate	Iwahia	FISHERFOLK		Think
13	Rosville RAMUSL	37	MALE	Iwalli6	FISHERFOLLS	19636/62796	2
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15	ANTONIA BANDINGS	30	Chlari	TUKA	FISHENFOLK	(to the
16	HAVEY LIMPHEAN	34	CAZAKI	TUICA	FIS HERFOLK		HERRY
17	JELITO TRAGISCA	131	WINKI	TUXA	715He1070/K		The
18	DULMICOTER	4000	LALAK1	PALLIWATIG	FARMED		Ohn
19	JORGE MANSAR	53	LALAKI	PAJO	Former	- ×	oto
20	CHURE JOY STURS	40	prore	luzhig	midnipe		O for
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23	Dempet Pananto	45	Boy	1 WALLS			Beara
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Effective Date:	02/14/2020	
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ATTENDANCE SHEET FOR BARANGAY ACTIVITIES

DATE/TIME:	July 6, 2022/2:40pm	
PURPOSE/S:	IEC for Expansion of Gotok Limestone Quarry Project	
BARANGAY:	Barangay Iwahig	
VENUE:	Barangay gym	

NO.	PANGALAN*	EDAD	KASARIAN	BARANGAY/SITIO	KATUNGKULAN	CONTACT#	LAGDA
1	pambo r Lundo	61	Lalake	Iwahis	Kagawaso	KRAMHO	KRANG
2	Mospaga Dialikin	61	latake	IWahin	Tybul kajowal		pen
3	Nuito Tipopen	18	lalaka	Ewaling	Fagewood	5	Lish
4	Wilcon B. I clam	34	laloke	Larling	Trestirer	092598183	
5	Rowena Parante	32	pabar	wahis	TRIEDU SECTEM		a Yango
6	Jaina ommanc	25	Rabar	realis	T- Charatain	699949160	de
7	LITO BUSTANT	57	lakh	iwahis	7 - Karya whol	090509100	0
8	Buby Brank	50	lablei	lunhis	1-raggiunal		R
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10	Marvine gaing		lalati	1 wahis	T-knogawad		Markil
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12	PHAITY TORKY	48	MARK	twania	T- Kegawall		porcay
13	Warling Tingent	n 48	Babae	Iwaling	Tr. Socrating		N.Z
14	Carlito Dambo	38	Lalake	Inchig	TAL Pulis		carlito
15	Rosechul Prebenit	041	BarBar	wahid	T-Kagawad	096594572	
16	Pilme Paras	43	Lorake	inahig	T. Pulis		Paras
17	Mojeto Dambo	38	Calake	Twoling	I- Kagawad	<	Deste
18	Mostorphic In	77	LALAKE	IWAKIR	TADBISCH	_	forth.
19	Dada INGASAN	162	LALARO	T WAHES	THRed		A
20	Roberto Whan	51	LALAKE	IWAHIG	T PULS	(A
21	mudy Jingcatay	56	LALAKE	IWAHIG	TANOD		weeld
22	Liana L Lam	37	babare	Iwatica			Lhora
23	Marilou D. Canga	49	babae	Iwat16			Marsha
24	Ring E. Eldas	46	bobal	1 Wakig			K.E
25	Regul C. Bune		7	I waly Pan	pres Farmer	0963377333	









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ATTENDANCE SHEET FOR BARANGAY ACTIVITIES

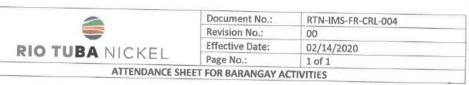
DATE/TIME:	July 6, 2022/- 2:40/pm	
PURPOSE/S:	IEC for Expansion of Gotok Limestone Quarry Project	
BARANGAY:	Barangay Iwahig	
VENUE:	Barangay gym	

NO.	PANGALAN*	EDAD	KASARIAN	BARANGAY/SITIO	KATUNGKULAN	CONTACT#	LAGDA
1	beganise carea	2.2	boy.	maling granner and 1			Regish
2	HAVIER MATTRASAL	174	CACAKI	MARINE AND 1	PB	OPHYONTO	7/4
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Barangay Rio Tuba



DATE/TIME:	July 7, 2022/ 1:00pm
PURPOSE/S:	IEC for Expansion of Gotok Limestone Quarry Project
BARANGAY:	Barangay Rio tuba
VENUE:	Barangay gym

NO.	PANGALAN*	EDAD	KASARIAN	BARANGAY/SITIO	KATUNGKULAN	CONTACT#	LAGDA
1	RICHARD EGERA	42	G	MOTURA	CAD		1
2	CBSER BUTCON	14	Ø	RIOTUBL	CAD	09301717669	
3	Jerry S. Fuma	(02	M	Rio juta	18An		1110
4	Arlen G. Gulay		F	Profibe	Womens Pres	09387852513	100.0
5	REY L. TRONGE		M	RIO TUZK	Salusbogan		1 12834
6	Elimer Tindea	33	M	RIOTUBA	Soundsys		The same
7	Chemorera macarano		F	Rip Tuba	Lauc. Com.		W
8 .	K CRISPIGE	_		1400	Tape . The.	0 974566	Colors
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12	Singdoto Mero	110	m	Kinetony	Alice		laky.
13	Freddie Tompalie		M	Firming	angelor	090114183	170
14	JOLP CONFAN			Kan-ory	T. Koyazrad		0-1
15		- 1.	m F	CAGAD	BUIC! DEOK!		TAN
16	JOCHLINE PAR		M	RIUTUBA	BGY. SEC.		13
17	Johanda C. Duilon		-	D 47 74	PB		1
18		47	F	RESTURA	PW Money	094769244	Tople
19		Ces	F	the Layasycson	A wife	09096222114	199
20	Come Enipaire	4/4	- 1	-do-	BHW	09649427682	D
21	CIMMY & DIDE		M	RIO MBA	BGY-KCO	9910 2477 289	9
22	hu campis	Λ	4	tho tuh	TANMC		(5)
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	Willy D. lamail	53	М	Rio Tuba	BPSD OTHEF	09677403514	(W)
25	ased pares	51	M	kw luba	BP80	090177704518	AND







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ATTENDANCE SH	EET FOR BARANGAY AG	CTIVITIES	

DATE/TIME:	July 7, 2022/ 1:00pm	
PURPOSE/S:	IEC for Expansion of Gotok Limestone Quarry Project	
BARANGAY:	Barangay Rio tuba	
VENUE:	Barangay gym	

NO.	PANGALAN*	EDAD	KASARIAN	BARANGAY/SITIO	KATUNGKULAN	CONTACT#	LAGDA
1	Nelsie PANSPOJE	49	F	Buludza	Kagawad	090814659	0
2	Jarlied g. abelon	69	7	Brighet 25	frawed	,,,,,,,,,, -	Jaan
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6	BEN LUCADAN	62	М	Buyalzy	T- urgand		Duy
7	DELANDO LUCADAN	34	М	Enghul ex	Tr K-gw.D		det
8	Janusia Jontilano	27	ŧ	KALOB	STATE	09252428/11	
9	ESRABBIN CARNAIN		M	EINVRONG	F. CHEFTAIN	0 1 144 4 4 4 4	GAA
10	BALTAZAR APANL	45	M	KINUPONC	T. KAGANAD		211
11	MEUTA CIMBUNTE		*	MNUMONE	T- KACANAD	093557 446	Out
12	NARY GRACE TUBAL	20	F	KINVRONE	T- SEC.	090496796	((.
13	Evongeline Peter	(9)	F	Layacyacan	P. Puesiali	1-00-1001/40	Qual
14	Meht M. Ilanu	42	7	kaya suksan	VP Women's		dist
15	MERLY V- SKVIETE	63	+	kayoryasan	BHW	073136193	Chief
16	MYLENE H- JAVIER	30	+	scry asyasan	Purok Pres.	0927 152 585	
17	ABOURAL LANKAD	+ 54	M	FORKS KOLX~	I-18 ASUNDO		
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20	HOERN LACUTURE	38	+ /1	BINGROLDI	1 Auditor	67454934449	THAT
21	Lopma Cylona	13	F	TON Attion site	A wife	09096222114	JAG)
22	Binelyn Indens	39	F	merabahan		6950896816	people
23	AMEEN GARINE MONCOTTO	an 33	#	126 PHUNCAW		07588738708	
24	Pelagin a Regulado	58	F	RIN	BNS	03. 18 18	Poles
25	Christine F. Cusin	35	中	Keyasyasan	Famulty	001484186785	U.S.







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ATTENDANCE SHEET FOR BARANGAY ACTIVITIES

DATE/TIME:	July 7, 2022/ 1:00pm	
PURPOSE/S:	IEC for Expansion of Gotok Limestone Quarry Project	
BARANGAY:	Barangay Rio tuba	
VENUE:	Barangay gym	

NO.	PANGALAN*	EDAD	KASARIAN	BARANGAY/SITIO	KATUNGKULAN	CONTACT#	LAGDA
1	JOHN MICHAEL TURE	32	M	ROITUBA	BPSO	09/8/0732	no rel
2	KUGAEGUA ANDA	215	۴	R10-7100A	PHW	09128730308	deli
3	WATIDA S. DIDIK	42	Þ	RIO. TURA	BHW	0932788748	
4	Cot al Liat Chen to				- 1(00	Talin	777
5	ROVIA ADDURAJAN	y	F	RIO MOD	mHW		n all
6	DAHAM HADI		M	protusa	13LGU	094794BTH	
7	Doreen Saivo		+	RioTula	1 / 1	09218530	/
8	NEURON ROM	7	M	Nio Tab	D 100	09171977 6898	
9	TKCRISPN-Q.			1 0 000	178	0905539021	X X
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LGU - Municipality of Bataraza

	Document No.:	RTN-IMS-FR-GEN-001
	Revision No.:	00
	Effective Date:	08/01/18
RIO TUBA NICKEL	Page No.:	1 of 1

DATE/TIME:	APRIL 26, 2022; 1:30 PM
PURPOSE/S:	LEC FOR CHOTOK EXPANSION - MIGH BATARAZA
DEPT./SECTION	COMMEL, ENVI, ENGINEERING
LOCATION:	MLGU BATARAZA CONFERENCE HALL

NO.	NAME	COMPANY/ DEPARTMENT	DESIGNATION	SIGNATURE
1	Donna Mae Wos	MENRO	Admin - Atole VI	9 000
2	Umana O. Bermulas	MTO	AMT	The state of
3	Rorelbort A. Suguitar	RTU	OK - RMM	art
4	Rorelbot A. Suguitar Brender M. Eclevia	RA	Gov. Accort	Horan)
5	Melusa N. Didilu	RIN	CDC - RTN	7
6	ISKAN A. SAU	RTN-COMPRE!	HEC Office	the
7	JOCELLA C-VLACAUCIS		Mrt ofice	Make:
8		RTN - Safety	S. tryt:	bets much
9	Gardan Ibba	164 BOT/MMO	EXEC ASST 1	1
10	ALMA V. VALLEDOR	L'GU Bat. /MPDO	MPDC	ap
11	Christiane biganco	RINING - METER	PCD	MALL
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Receiving copy of the Invitation Letters



RECEIVING COPY

NAME	DATE RECIEVED	SIGNATURE
HAVIER MATTRASAL	July 01, 2022	dayor
KUROB DAMBO	July 01, 2022	Abouter.
JAINA OMPANG	July 01, 2022	(may 1102)
EDDIE CATAGUE	JULY 01 - 2022	aghrigues
ANIDO ACAT	JULY 01-2022	Sugargas
NELSON BUDONG	JNL+ 01-2022	Sugar of party

Rio Tuba Nickel Mining Corporation

Main Office: 29th Floor NAC Tower, 32nd Street, Bonifacio Global City, Taguig City, Philippines 1634

Phone: +63 2 7798 7623

Liaison Office: Rio Tuba Mining Corporation, PO Box 179, Puerto Princesa, Philippines 5300

Phone: +048 787 9601

Site Address: Rio Tuba, Bataraza, Palawan, Philippines 5306

Web: nickelasia.com





Hon. Nelson N. Acob Punong Barangay Rio Tuba, Bataraza, Palawan Date: 06/30/2022

Rio Tuba Nickel Mining Corporation

Main Office: 29th Floor NAC Tower, 32nd Street, Bonifacio Global City, Taguig City, Philippines 1634

Phone: +63 2 7798 7623

Liaison Office: Rio Tuba Mining Corporation, PO Box 179, Puerto Princesa, Philippines 5300

Phone: +048 787 9601

Site Address: Rio Tuba, Bataraza, Palawan, Philippines 5306

Web: nickelasia.com

Ang Gotok Limestone Quarry Operation ay muling magsasagawa ng Information, Education, Communication o IEC sa inyong barangay gymnasium sa darating na July 7, Huwebes, ganap na ika-dalawa ng hapon (2:00 pm). Amin din pong inaanyayahan ang inyong Council at mga sectoral representatives ng inyong barangay sa araw na nabanggit.

Ito ay upang magbigay ng tamang impormasyon patungkol sa PROPOSED EXPANSION OF GOTOK LIMESTONE QUARRY o pagpapalawig ng operasyon ng Gotok.

Hiling namin ang inyong pakiki-isa at pagsuporta sa gawaing ito. Maraming salamat po!

From:

Ginoo,

Venice Teresa N. Guian Comrel Representative Gotok Limestone Quarry

Reynald M. Dela Rosa Department Manager Community Relations Office

BIGH DE T/2/2022





Date: 06/30/2022

Esraquin Carnain Tribal Chieftain Kinurong, Rio Tuba, Bataraza, Palawan

Ginoo,

Ang Gotok Limestone Quarry Operation ay muling magsasagawa ng Information, Education, Communication o IEC sa inyong barangay gymnasium sa darating na July 7, Huwebes, ganap na ika-dalawa ng hapon (2:00pm). Amin din pong inaanyayahan ang buong katutubong konseho sa inyong nasasakupan.

Ito ay upang magbigay ng tamang impormasyon patungkol sa PROPOSED EXPANSION OF GOTOK LIMESTONE QUARRY o pagpapalawig ng operasyon ng Gotok.

Hiling namin ang inyong pakiki-isa at pagsuporta sa gawaing ito. Maraming salamat po!

araming salamat po!

Venice Teresa N. Guian Comrel Representative Gotqk Limestone Quarry

Reynaldo M. Dela Rosa Department Manager Community Relations Office

Nickel Mining Corporation

Rio Tuba

Main Office: 29th Floor NAC Tower, 32nd Street, Bonifacio Global City, Taguig City, Philippines 1634

Phone: +63 2 7798 7623

Liaison Office: Rio Tuba Mining Corporation, PO Box 179, Puerto Princesa. Philippines 5300

Phone: +048 787 9601

Site Address: Rio Tuba, Bataraza, Palawan, Philippines 5306

Web: nickelasia.com



Photo-documentation

Community: Barangay Sandoval

Venue: Covered Gymnasium, Brgy. Sandoval, Bataraza, Palawan

Date: July 6, 2022 at 9:56 am















Community: Barangay Iwahig

Venue: Covered Gymnasium, Brgy. Iwahig, Bataraza, Palawan Date: July 6, 2022 at 2:40 pm















Community: Barangay Rio Tuba Venue: Gymnasium, Brgy. Rio Tuba Date: July 7, 2022 at 2:00 pm















Participants: LGU - Municipality of Bataraza

Venue: Municipal Conference Hall, Municipality of Bataraza, Palawan

Date: April 26, 2022













Attachment SCHEDULE	3 -	PROPOSED	LIST	OF	PUBLIC	SCOPING	INVITEES	AND

POWERPOINT PRESENTATION OF THE PROJECT DESCRIPTION

Proposed Expansion of the Gotok Limestone Quarry Project Rio Tuba Nickel Mining Corporation



List of Invitees

Please see attached file.

Proposed Schedule

Venue	Proposed Date	Time
Zoom	August 9, 2022	9:00 am
Face-to-Face	_	
Sandoval Covered Court, Brgy.		
Sandoval, Municipality of Bataraza		



Attachment 4 - POWERPOINT PRESENTATION OF THE PROJECT DESCRIPTION (See attached file)

Attachment 5 –	Aerial photo of the	e project site	



Aerial Photo of the Gotok Limestone Quarry Project Site



Photo of the Gotok Limestone Quarry taken on May 30, 2022.

А	attachment 6 –	Results of the I	nitial Perceptio	n Survey	

Attachment	:7 – Draft Letter of Invi	tation and Program	

DRAFT LETTER OF INVITATION AND PROGRAM

Proposed Expansion of the Gotok Limestone Quarry Project Rio Tuba Nickel Mining Corporation



(DENR-EMB Letterhead)

(Date) Name Position Office Address

Subject: Public Scoping for the proposed Expansion of the Gotok Limestone Q	uarry Project of
Rio Tuba Nickel Mining Corporation (RTNMC)	

_	
Dear	•

We are pleased to invite you and your constituents to the Public Scoping for the proposed Expansion of the Gotok Limestone Quarry Project of RTNMC located at Barangay Sandoval and Barangay Iwahig, Municipality of Bataraza. The said scoping is scheduled on:

Date/Time	Venue/Link (via Zoom)
August 9, 2022 at 9:00 am	Face-to Face
(Registration starts at 8:30 am)	Sandoval Covered Court, Brgy. Sandoval,
	Municipality of Bataraza
	Indicate link
	Meeting ID:
	Passcode:

The public scoping is an early stage in the Environmental Impact Assessment Process where the proponent aims to provide an overview of the proposed project, proposed action, gather issues and concerns, and other relevant information to provide the scope of work and terms of reference for the preparation of Environmental Performance Report and Management Plan.

A copy of the Project Description Report for Scoping is downloadable at our website: www.eia.emb.gov.ph (kindly access the Notice of Public Scoping link found at the lower right portion of our website) while hard copies are available at Barangay ------, Municipality of Bataraza.

For more details. Please contact EMB Central Office at (02) 8920-2240 to 41.

We look forward to your participation.

Very truly yours,

ENGR. WILLIAM P. CUÑADO OIC Director



DRAFT LETTER OF INVITATION AND PROGRAM



PROGRAM FOR PUBLIC SCOPING

Project Title: Gotok Limestone Quarry Expansion Project

Project Location: Barangays Iwahig, Sandoval, and Rio Tuba, Municipality of Bataraza,

Province of Palawan

Project Proponent: **Rio Tuba Nickel Mining Corporation** Date and Time of Scoping: **August 9, 2022 at 9:00 am**

Venue: Sandoval Covered Court, Brgy. Sandoval, Municipality of Bataraza

Time Allotted	Program of Activities	Person Responsible
8:00-9:00 am	Registration/Acceptance	e of the participants
9:00-9:10 am	Welcome Remarks	LGU
9:10-9:20 am	Introduction of Participants, Workshop Overview, Objectives and Expectation Setting of the Scoping	
9:20 – 9:30 am	Overview of the Scoping Guidelines; Mechanics of the Scoping for the project	ЕМВ
9:30 – 10:00 am	Brief Presentation of Proposed Project, Potential Impacts and Measures	RTNMC
10:00-12:00 nn	Open Forum and Raising of Issues to be addressed by the EIA Study	
12:00-12:10 pm	Synthesis and Integration/ Summary of Issues and Agreements on Scoping and Next Steps in the EIA Process	EMB
12:20-12:20 pm Closing Remarks		LGU

