

PROJECT DESCRIPTION FOR SCOPING

Calbayog Aggregates Project

Barangay San Joaquin, Ba-ay, and Binaliw
Calbayog City, Samar Province



Submitted to:



ENVIRONMENTAL MANAGEMENT BUREAU – CENTRAL OFFICE
Department of Environment and Natural Resources
DENR Compound, Visayas Avenue, Diliman, Quezon City

Prepared on behalf of:



MAJESTIC EARTH CORE VENTURES, INC.
Cliffpoint Square
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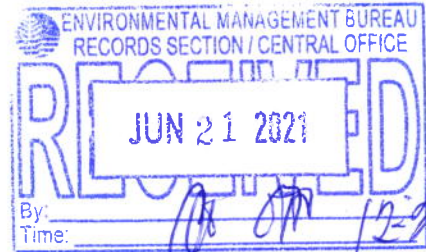
by:



ASCOTT PACIFIC CONSULTANTS, INC.
Unit 301, RN Bldg., #17 Shaw Blvd., San Antonio,
Pasig City 1600

June 2021

June 21, 2021

ENGR. WILLIAM P. CUÑADO**Director**Environmental Management Bureau
DENR Compound, Visayas Avenue
Quezon City**SUBJECT: REQUEST FOR SCOPING FOR THE PROPOSED
CALBAYOG AGGREGATES PROJECT****Dear Engr. CUÑADO:**

On behalf of the project proponent, Majestic Earth Core Ventures, Inc. (MECVI), Ascott Pacific Consultants, Inc. (APCI) would like to request for the conduct of the Public Scoping as part of the MECVI's Environmental Compliance Certificate (ECC) application for the proposed Calbayog Aggregates Project.

We hereby submit the Project Description for Scoping (PDS) Report containing the information required by EMB as basis of our preparedness for the Scoping activity:

	Document/Requirement		Remarks
1	Pro-forma Project Description for Scoping (PDS)	✓	
2	Accomplished EIA Coverage & Requirements Screening Checklist (ECRSC)	✓	Appendix 1
3	Description and NAMRIA Map of Project's Tentatively Identified Impact Areas	✓	Figure 1, p.4
4	IEC/Social Preparation Activities with List of Issues & Proponent's Response	✓	Section 4, p.17
	Photographs of the IEC Meeting	✓	Appendix 2
	IEC Attendance Sheets	✓	Appendix 3
5	Public Scoping Requirements	✓	Section 5, p.19
	Preliminary List of Stakeholders and Partial List of Invitees to the Public Scoping	✓	Page 19
	Draft Public Scoping Invitation Letter	✓	Page 21
	Draft Program of Activities for Public Scoping	✓	Page 22

Please take note that the IEC campaign was limited to the host barangays. The IEC activity with the Calbayog City officials was deferred due to administrative issues that arose following the untimely death of then City Mayor Hon. Ronald Aquino. Rest assured that the city officials will be invited to the Public Scoping.

Should you have questions and requests on this submission, please feel free to contact us through our APCI EIA Coordinator Mr. Roland Mecca at +63917 626 4771 or MECVI contact person, Ms. Grace Mateo at +63917 153 6725.

We hope our submission merits your timely and favorable action on our request.

Very truly yours,
Ascott Pacific Consultants, Inc.

**BELEN N. GACAD**
EIA Project Manager

Enclosure: Project Description for Scoping (PDS) Report

08-2021-022820

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APPENDICES

Appendix 1: Accomplished EIA Coverage & Requirements Screening Checklist (ECRSC)
Appendix 2: IEC Photographs
Appendix 3: IEC Attendance Sheets

LIST OF ACRONYMS

APSA	Application for Mineral Production Sharing Agreement
CSR	Corporate Social Responsibility
DAO	DENR Administrative Order
DENR	Department of Environment and Natural Resources
DMPF	Declaration of Mining Project Feasibility
DPWH	Department of Public Works and Highway
ECC	Environmental Compliance Certificate
ECP	Environmentally Critical Project
EIS	Environmental Impact Statement
EMB	Environmental Management Bureau
EP	Exploration Permit
EPEP	Environmental Protection and Enhancement Program
FMRDP	Final Mine Rehabilitation / Decommissioning Plan
IEC	Information, Education and Communication
ISAG	Industrial Sand and Gravel
LGU	Local Government Unit
MECVI	Majestic Earth Core Ventures, Inc.
MGB	Mines and Geosciences Bureau
MPSA	Mineral Production Sharing Agreement
MRF	Material Recovery Facility
PEISS	Philippine Environmental Impact Statement System
PPE	Personal Protective Equipment
RA	Republic Act
SDMP	Social Development and Management Program
SOBA	State of the Barangay Address
SRDC	San Rafael Development Corporation

1. BASIC PROJECT DESCRIPTION

A. Project Information	
Name of Project	Calbayog Aggregates Project (Quarry and Crushing Plant)
Project Type	Resource Extractive industry (New)
Project Capacity	500,000 tons per year
Project Location	Barangays San Joaquin, Ba-ay, and Binaliw City of Calbayog, Samar Province
Project Area	501.6209 hectares (18.1 hectares disturbed quarry area)
Estimated Project Cost	PhP 257,150,000.00
Project category under the PEISS	Category A: Environmentally Critical Project (ECP)
EIA document required	Environmental Impact Statement (EIS) based on project threshold. ¹
B. Profile of the Project Proponent	
Name of Proponent	Majestic Core Earth Ventures, Inc.
Proponent's Address	Cliffpoint Square 2/F Bldg. D, CW Home Depot Compound Julia Vargas Avenue, Barangay Ugong, Pasig City
Authorized Signatory / Representative	Enrico F. Ducut President Tel. No. : (632) 7906 1664 Email : mecvisamar@gmail.com
Contact Person/s	James Jun S. Hernando Project Manager Mobile No.: 0917 771 5884 email: jjsh_geo@yahoo.com Mary Grace P. Mateo Tenement Manager / Geologist Mobile No.: 0917 153 6725 email:gracemateo85@gmail.com
C. EIS Preparer	
Name of Consultant	Ascott Pacific Consultants, Inc.
Consultant's Address:	Unit 301, RN Bldg., # 17 Shaw Blvd., San Antonio Pasig City 1600, Metro Manila Tel. Nos. (632) 8661 86 79 / 8242 52 68
Contact Person:	Ms. Belen N. Gacad
Position/ Designation:	Project Manager

¹Annex 2-1b of EMB MC 2014-005 : Guidelines for Coverage Screening and Standardized Requirements under the Philippine Environmental Impact Statement System (PEISS) amending relevant portions of MC 2007-002.

Contact Details:

Mobile no. : (0917) 620 4556

email : bngacad@ascottconsultants.com.ph

A filled-up Self-Screening EIA Coverage and Requirements Screening Checklist (ECRSC) is included as **Appendix 1**.

1.1 BRIEF DESCRIPTION OF THE PROPONENT

MAJESTIC EARTH CORE VENTURES, INC., (MECVI) is a corporation existing under Philippine laws primarily engaged in the quarrying, marketing, selling and otherwise dealing in aggregates, sand and gravel and similar products; as well as the operation of crushing plants.

1.1.1 Current Operations

Although the company was only established in 2012, it is already the grantee of various Operating Agreements of its quarry sites in Antipolo City and Rodriguez Municipality of Rizal Province. MECVI also operates an Industrial Sand and Gravel aggregates and is currently conducting exploration in Calbayog City, Samar Province².

Antipolo, Rizal Operations

The Antipolo, Rizal operations is covered by a Mineral Production Sharing Agreement (MPSA-257-2007-IVA) dated July 20, 2007, approved and issued by the Mines and Geosciences Bureau-Department of Environment and Natural Resources (MGB-DENR) to Rolando Gimeno/La Concepcion Construction and Development Corporation with a total area of 32.50 hectares (ha). It is located at Barangay Bagong Nayan, in Antipolo City of the Province of Rizal. An Application for Mineral Production Sharing Agreement (APSA) AMA-IVA-210 was applied for an expansion area of 61.48 ha. On April 11, 2018, MECVI entered into an operating agreement with Rolando Gimeno/La Concepcion Construction and Development Corporation and granted the former the right to construct a crushing plant and to quarry a portion of the MPSA and the expansion area. The quarry and crushing plant are covered by an Environmental Compliance Certificate (ECC) issued by the Environmental Management Bureau (EMB) CALABARZON.

The project is essentially a rock quarry and an aggregate crushing plant. Basalt and andesite are the primary mineral commodities. The mine life is estimated at 21 years at 250 MTPH and may exceed at 32 years if the rated capacity decreases (as area of MPSA). Additional reserves may come from the extended APSA AMA-IVA-210 with an area of 61.48 hectares.

San Rafael, Rizal Operations

The San Rafael operations in Barangay San Rafael, Rodriguez, Rizal is covered by MPSA-136-99-IV dated June 4, 1999, approved and issued by the (MGB-DENR) to San Rafael Development Corporation (SRDC) with a total area of 103.1 ha. A notice of issuance of an order extending the MPSA term for six (6) years was issued on March 17, 2021. On June 14, 2017, MECVI entered into an operating agreement with SRDC granting the former the right to construct a crushing plant and to quarry a portion of the MPSA with an aggregate area of 78.8 ha. The starter quarry and crushing plant is also covered by an ECC issued by the EMB on July 25, 2017. The first 25-year term of MPSA will expire on June 04, 2024. However, the extension of the term was granted to MPSA No. 136-99-IVA for a period of six (6) years from 2024 to 2030.

The project is essentially a rock quarry and an aggregate crushing plant. The MPSA is estimated to contain about 90 million cubic meters of diabase and basalt rocks with a specific gravity of approximately 2.8. Based on the projected pit limit, around 30% of this resource is mineable.

²Formerly named as Western Samar. On June 21, 1969, under Republic Act No. 5650, Western Samar was renamed Samar with Catbalogan still as the capital.

Calbayog, Samar Operations

MECVI has an Industrial Sand and Gravel (ISAG) with a tenement no. IP-2019-0003-VIII which is in Barangay San Joaquin, Calbayog City, Western Samar. It has total area of 10.1545 ha consisting of a 5.6545-ha ISAG tenement along the Kinawan River and a 4.5-ha crushing plant area is designed to produce 150 tph of aggregates and will process the materials from the ISAG and other existing quarry resources in the area. The ISAG quarry project is naturally endowed with replenishable deposits of sand and gravel materials with an extraction rate of 1,250 MT per month.

MECVI exploration activities is covered by Exploration Permit No. EP-2020-000001-VIII approved by the MGB on February 14, 2020, and consists of two parcels:

- Parcel 1 comprises 6 meridional blocks with an area of 501.48 ha located in Barangays Cagnipis, Malaga, Tinaplacan, Bugtong & Caglanipaw Sur ; and
- Parcel 2 comprises 9 meridional blocks covering an area of 752.45 located in Barangays San Joaquin, Ba-ay, Binaliw, Maguino-o, Bantian & Danao-I.

2. PROJECT DESCRIPTION

2.1 PROJECT LOCATION AND AREA

The proposed project is in the barangays of San Joaquin, Ba-ay and Binaliw, of the City of Calbayog, Samar Province. It covers an area of 501.6209 ha and is within the Parcel 2 covered by EP-2020-000001-VIII. The area is to be applied as partial Declaration of Mining Project Feasibility (DMPF) to the MGB wherein an ECC is one of the requirements. **Table 1** is the geographic coordinates of the project area.

Figure 1 is the proposed project area.

Table 1: Project Area Geographic Coordinates

Corner	Latitude	Longitude
1	12° 9'30"	124°27'00"
2	12° 10'00"	124°27'00"
3	12° 10'00"	124°26'30"
4	12° 10'30"	124°26'30"
5	12° 10'30"	124°25'30"
6	12° 11'00"	124°25'30"
7	12° 11'00"	124°26'30"
8	12° 10'30"	124°26'30"
9	12° 10'30"	124°27'30"
10	12° 10'00"	124°27'30"
11	12° 10'00"	124°28'00"
12	12° 9'30"	124°28'00"

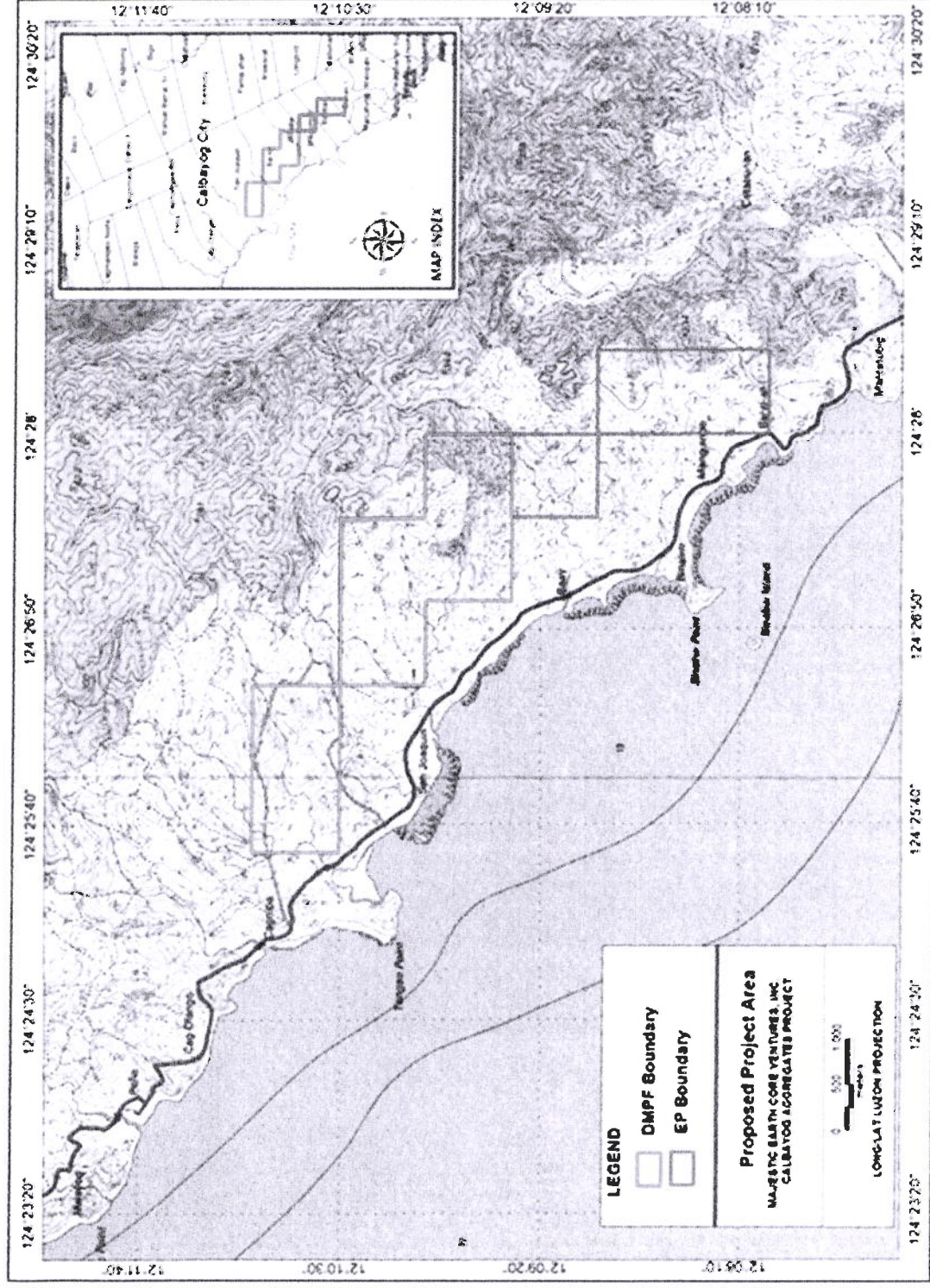


Figure 1: Proposed Project Area
Reference Map: NAMRIA Topographic Map of Calbayog City (Sheet 3825-II)

2.2 PROJECT ACCESSIBILITY

The project area is readily accessible from Calbayog City thru the national highway leading to the Municipalities of San Isidro and Allen to the north. Calbayog City is in turn, accessible from Manila by road via the Daang Maharlika Highway towards the Bicol Region, thence, by ferry boat from Matnog, Sorsogon to either San Isidro or Allen, Samar. Calbayog City is also served by Philippine Airlines with regular flights from Manila. **Figure 2** is the project site accessibility map.

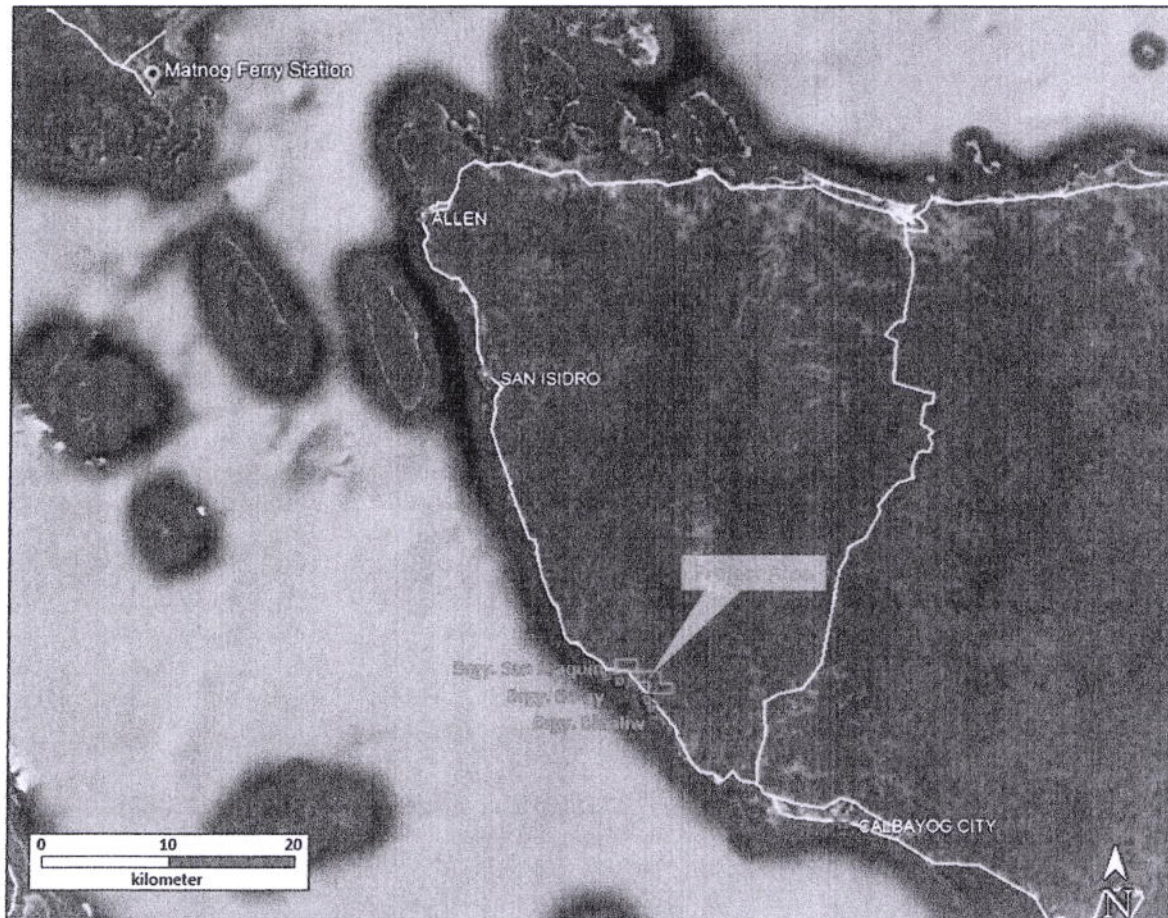


Figure 2: Project Site Accessibility Map

2.3 PROJECT RATIONALE

The project area is underlain by basalt which could be used as raw materials for concrete as aggregates and sand which are found to be of commercial value. The subject of the application is to apply for MPSA and a partial DMPF of the area.

There is a great demand of construction materials that is in conjunction with the directives of the government such as the development of farm to market roads and the vast infrastructure road development and mass housing projects.

In 2020, the Department of Public Works and Highways (DPWH) completed the construction, rehabilitation, improvement, and maintenance of 311.5 lane kilometers of national roads, 12 bridges, and 99 flood-control structures in Region 8 worth P11 Billion. DPWH also facilitated the completion of 328 Region 8 local infrastructure projects amounting to P3.9 Billion composed of multi-purpose and school buildings, local roads and bridges, flood control and drainage, and water systems (Philippine Information Agency; <https://pia.gov.ph/news/articles/1065844>).

2.4 PROJECT ALTERNATIVES

2.4.1 Siting

The Project is confined within the existing Parcel 2 area that is covered by EP-2020-000001-VIII and is the subject of the application for the partial Declaration of Mining Project Feasibility (DMPF) to MGB. Currently, no other quarry sites are considered for the project.

2.4.2 No Project Options

Without the Project, the opportunity to contribute to the development of infrastructures will be lost. Aggregates are indispensable materials in construction, more so where there is a surge in construction projects across the country.

Should the project fail to materialize, the revenues and potential livelihood projects that the project could provide will be lost. On the other hand, without the project, there would be no substantial disturbances on the environment.

2.5 PROJECT COMPONENTS

The project site development plan is shown in **Figure 3**.

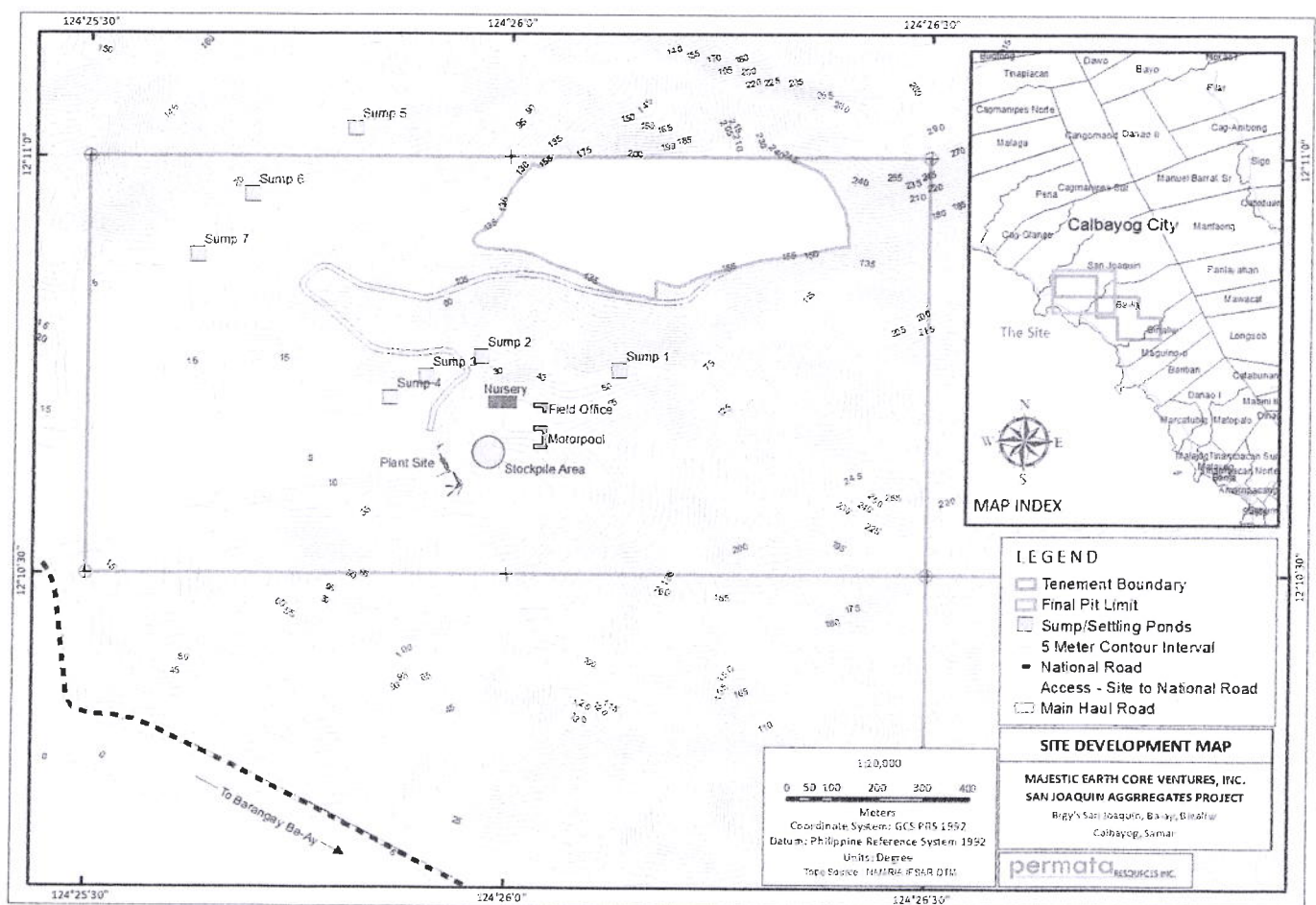


Figure 3: Indicative Site Development Plan

2.5.1 Quarry

2.5.1.1 Quarry Location

The location of the quarry area is at a PARCEL 2 of the EP Area (EP-2020-00001-VIII), northeast of plant location and is approximately centered at the following coordinates:

12°10'49.22 N, 124°26'14.39 E

2.5.1.2 Quarrying Method

A contour surface mining method will be employed for the quarry operation. This method involves the removal and grubbing of vegetative covers, stripping of overburden and the creation of benches from the exposed deposit. The extraction is either by simply ripping and dozing on soft and medium ground or by drilling, cutting, and blasting for hard rock area.

Loosened / blasted basalt from the bench is then loaded by loader or an excavator into a dump truck for transport to the crusher.

The quarry operation will also involve the construction of drainage canals and settling ponds to manage the sediments.

2.5.1.3 Quarry Area

Total Disturbed Area	18.1 has (based on 15 years Life of Mine assumption)
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2.5.1.4 Quarry Details

Life of Mine	25 years
Aggregates Extracted	12,500,000 tons
Extraction Rate per year	500,000 tons
Waste Stripped	1,973,794 tons
Overburden Zone	
Bench Height	5 meters (m)
Bench Width	3 m
Bench Slope	80 degrees
Ramp Width	12 m
Ramp Gradient	10%
Basalt Zone	
Bench Height	10 m
Bench Width	5 m
Bench Slope	80 degrees
Ramp Width	12 m
Ramp Gradient	10%
Overall Quarry slope	41 degrees

2.5.1.5 Quarry Equipment

Mobile Equipment/ Quarry	
Aggregate Production	No. of units

Excavator Komatsu PC 350	1
Howo Dump Truck (17 cubic meters (cu.m))	7
Waste Stripping	No. of units
Excavator Komatsu PC 350	1
Howo Dump Truck (7 cu.m)	2
Support Equipment	No. of units
Dozer Komatsu D155N	1
Volvo Grader	1
Flat Drum Roller	1
Atlas Copco PowerROC Drill	1
Komatsu 3.5 cu.m Loader	1
Komatsu PC200 w/ Breaker attachment	1
Water Truck	1
Terex Tower Lights w/ Telescopic Masts	4

2.5.2 Crushing Plant

2.5.2.1 Crushing Process

The crushing plant has a rated capacity of 150 tph. Run-of-quarry materials will be hauled by 20-ton dump trucks to the feed hopper. The materials will then be carried by an apron feeder to the jaw crusher. Oversized materials or boulders which cannot be accommodated will be manually segregated and removed from the hopper. The crushed products of the jaw crusher which is about 3" average are made to pass to the vibrating feeder conveyed to the scalping screen where the materials are graded. The aggregates that will not pass thru the 3" opening of the screen will undergo another crushing process by the cone crusher and the undersized materials or those that passed thru the scalping screen are considered waste/rejects. The product of the cone crusher averaging 1" is conveyed to the 1st double deck-vibrating screen. The upper deck products are - 1 and 1.

The +1 materials are returned to the cone crusher for further crushing and the 1" and -1" products are separated by the lower deck screen where the 1" materials are conveyed to the G-1 stockpile and the -1" to the 3/4 stockpile and the sand materials are conveyed to the second double deck vibrating screen. The products of the upper deck are 3/4" which are conveyed to 3/4" stockpile and the lower deck product is 3/8" which are conveyed to the 3/8" stockpile.

The undersize of the lower deck of the vibrating screen passes thru the spiral sand classifier which separates the materials to S-1. Waste materials in the washed water are made to flow into series of settling ponds located near the crushing plant. **Figure 4** presents the Crushing Flowchart (Dry Method).

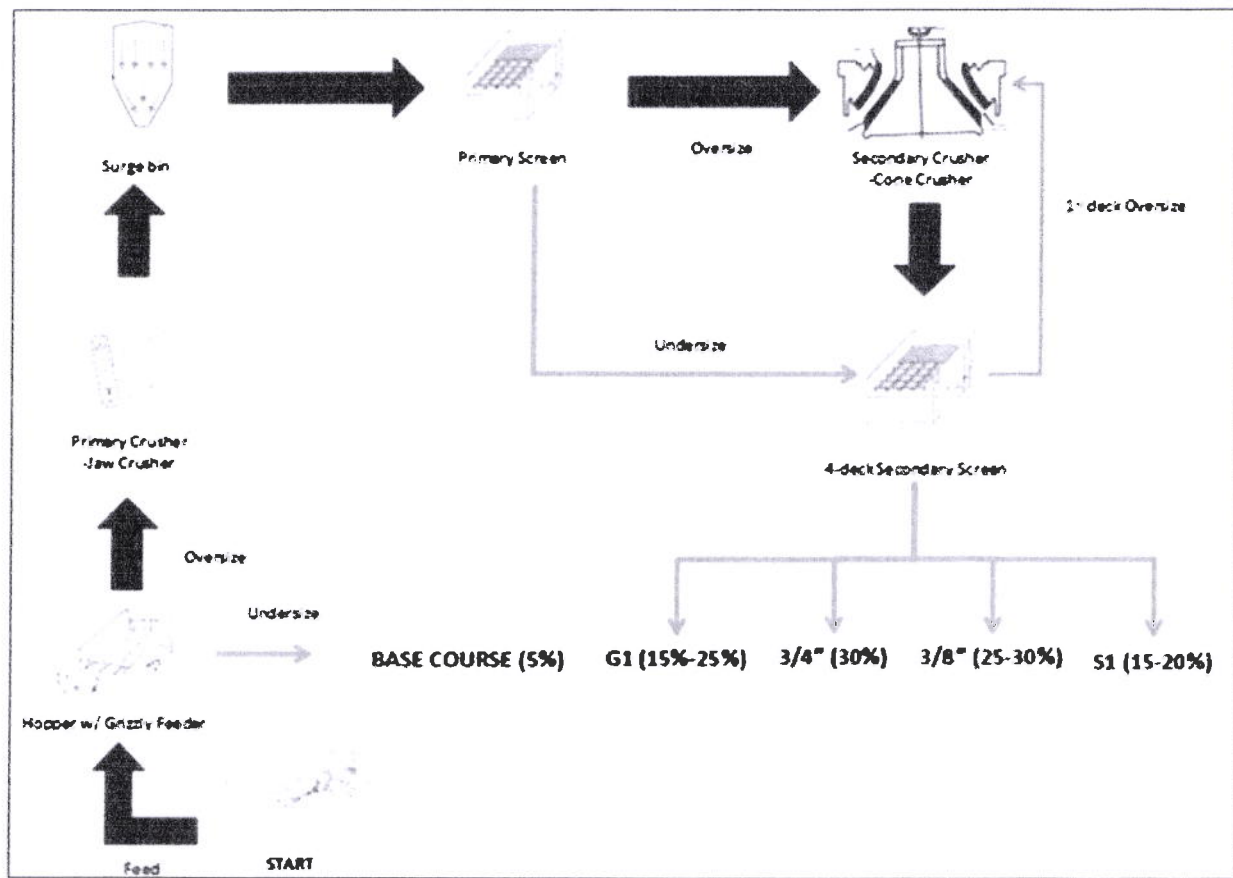


Figure 4: Crushing Flowchart (Dry Method)

2.5.2.2 Crushing Plant Area

Crushing Plant Area	7,200 square meters (sq.m)
Crushing rate	150 tons per hour (tph)

2.5.2.3 Crushing Plant Equipment

Grizzly Screen	1
Jaw Crusher (Primary)	1
Surge Bin	1
Primary Screen (Scalping Screen)	1
Cone Crusher	1
Secondary Screen (4-deck)	1
Grizzly Screen	1
Conveyors	

2.5.3 Stockpile Area

Area	5,000 sq.m
Height	Will be limited by angle of repose of material

2.5.4 Support Facilities

Facility	Area / Capacity
Field Office	40 sq.m
Motor Pool	80 sq.m
Main Haul Road	12 m x 1.8km: 6% gradient
Tree Nursery	2,000 sq.m
Power Source	SAMELCO
Water Source (domestic)	Groundwater is available on site. Surface water from nearby river/s will also be used to augment the water supply for the project.

2.5.5 Pollution Control Facilities / Devices

Component	Area / Capacity	Location /	Description
Mine drainage and sump/settling ponds	10 m x 10m x 3m x 8 sumps	Within the mine pit	To manage sediments from the project operation
Domestic wastewater		Within the field office	Septic tank will be provided for the field office to accommodate domestic wastewater.
Oil-Water separator		Motor Pool	Oil-water separator will be installed to treat wastewater at the motor pool
Solid and hazardous wastes storage facility		Within the admin complex	Waste bins, for proper segregation of solids, shall be placed in designated areas within the admin complex area. The project shall have a Materials Recovery Facility (MRF) for solid wastes. Hazardous materials and other wastes will have separate storage areas. The management of hazardous materials will be in accordance with applicable DENR regulations.

2.6 PROJECT PHASES

2.6.1 Pre-Construction Phase

The pre-construction phase for the project will include the following:

- Permitting – the acquisition of the necessary permits and clearances from government agencies prior to project implementation;
- Consultation with concerned Government agencies and the local population and endorsement of the LGUs for the commencement and operation of the project;
- Survey, design and tendering works – involve the detailed works to finalize the mine plan and design details of the mine facilities; and
- Planning of environmental mitigation measures.

2.6.2 Construction Phase

The construction phase (or site development) aims to allow the mining operator to establish itself and its resources in the area, and prepare the area for the initial mining at the designated priority mining area. The activities will involve the following:

- construction of access road within the operating areas for support facilities, as necessary;
- land preparation and construction of appropriate mitigating measures such as drainage, silt traps, catch basins, etc.; and
- land preparation and construction or installation of mine facilities.

2.6.3 Operation Phase

The operation phase is the actual mining and milling processes and include the ancillary facilities, as follows:

- Land Clearing (Stripping);
- Overburden Removal and Storage for Rehabilitation;
- Mining (extraction);
- Transport of materials for milling (crushing);
- Crusher and stockyard operations; and
- Progressive mine rehabilitation.

2.6.4 Abandonment (Mine Closure) Phase

The abandonment phase of the mining area shall entail reforestation and rehabilitation works as required in Section 69 and 71 of RA 7942.³

The conceptual rehabilitation and mine closure will include but not limited to:

- progressive rehabilitation of all the areas affected by quarry;
- revegetation of surfaces requiring rehabilitation with local species or those suitable or preferred post-mining land use ;
- creating a landform that has a functional post-disturbance land use capability;
- eliminating safety and health risks of the inactive mine site to the surrounding communities; and
- dismantling of all unnecessary mine facilities and rehabilitation of the mine facility area prior to abandonment.

³ Republic Act No. 7942 otherwise known as the Philippine Mining Act Of 1995.

A conceptual rehabilitation and mine closure strategy shall be developed as part of the overall mining plan to comply with DAO 96-40⁴ and its amendments that requires mining projects to prepare the Final Mine Rehabilitation / Decommissioning Plan (FMRDP) and Environmental Protection and Enhancement Program (EPEP). The FMRDP will be prepared in consultations with the community according to their use and needs. All disturbed areas may therefore need not be re-vegetated but must be rehabilitated/prepared to make it suitable for any land use that the community will benefit. The FMRDP will be submitted to the MGB and will be funded by the FMRD Fund.

2.7 MANPOWER REQUIREMENT

Table 2 below is the manpower requirement during the construction and operation phases. **Figure 5** presents the organizational chart.

Table 2: Manpower Requirement

Position	# of Personnel
General Manager	1
Environmental Officer	1
Safety & Health Officer	1
Community Relations Officer	1
Quarry Superintendent	1
Admin Assistant	2
Planning Engineer	1
Geodetic Engineer	1
Quarry Engineer	1
Surveyor	1
Quarry Foreman	3
Survey Crew	2
Equipment Operator	33
Maintenance Superintendent	1
Mechanical Crew	2
Electrical Crew	2
Admin/Finance Superintendent	1
Accounting Officer	1
HR Officer	1
Logistics Officer	1
General Services Head	1
General Services Crew	2
Security Guards	6
Plant Superintendent	1

⁴ DENR Administrative Order (DAO) 1996-40 on the Revised Implementing Rules and Regulations of RA 7942.

Position	# of Personnel
Plant Foreman	2
Equipment Tender	6
TOTAL	76

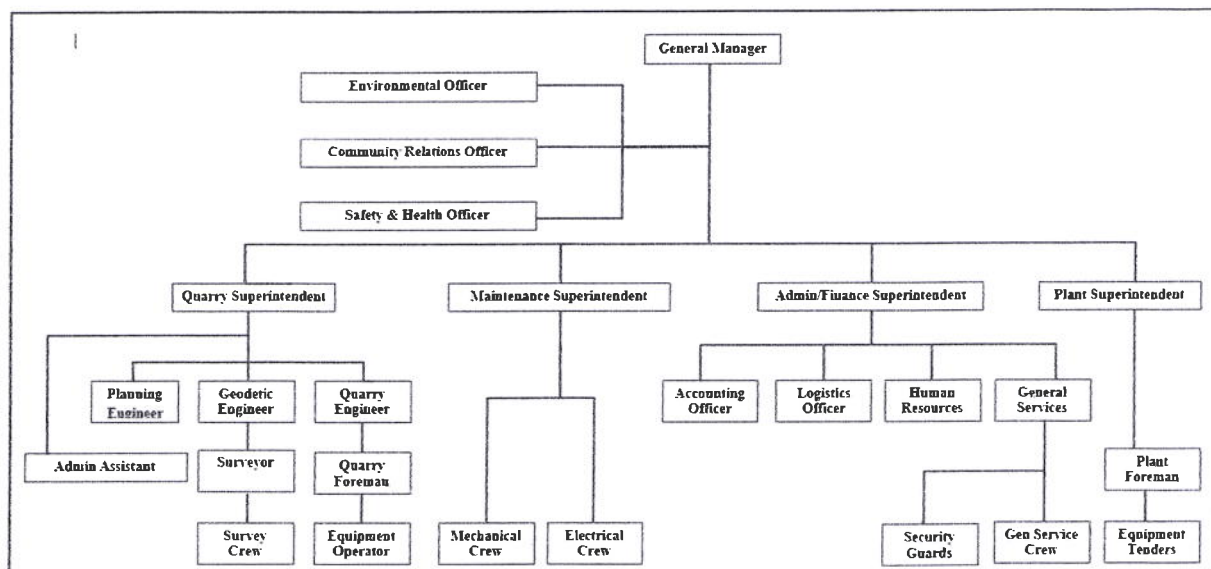


Figure 5: Organizational Chart

2.8 PROJECT SCHEDULE

The Project which is scheduled to start right after securing all government permits and approvals will have an initial construction phase of about one year. It is envisioned that the life of mine is for 25 years initially assumed at 15 years based on the partial DMPF application to MGB (see **Table 4**).

2.9 PROJECT COST

The estimated project cost is estimated at PhP 257.15 Million Pesos broken down as follows:

Table 3: Project Cost

ACTIVITY	COST (PhP)
Exploration Cost	5,000,000.00
Permitting	5,000,000.00
Topo Survey	500,000.00
Plant To Quarry Road Development	2,500,000.00
Waste Stripping	10,750,000.00
Equipment Cost (Brand New)	143,400,000.00
Crushing Plant	80,000,000.00
Surface Infrastructures	10,000,000.00
TOTAL COST	PhP 257,150,000.00

PROJECT DESCRIPTION FOR SCOPING
Calbayog Aggregates Project

Majestic Earth Core Ventures, Inc

Table 4: Project Schedule

Activities	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
Pre-construction																																	
- Technical design planning and finalization of quarry plans																																	
- Securing of necessary permits																																	
Construction																																	
- Hiring of manpower																																	
- Site clearing and stripping of overburden																																	
- Access road development																																	
- Establishment of drainage/ construction of siltation ponds																																	
- Preparation of loading pads and benches																																	
Production																																	
EPEP																																	
EPEP Progressive Rehabilitation																																	
FMRDP Implementation																																	

3. PRELIMINARY IDENTIFICATION OF ENVIRONMENTAL IMPACTS

Table 5: Preliminary Identification of Environmental Impacts

Environmental Aspect	Potential Impact	Prevention/Mitigation/Enhancement Measures
Construction of project components: - Quarry including access, pollution preventive measures such as settling ponds, etc. - Crusher - Stockpile area - Field office, motor pool	<ul style="list-style-type: none"> Change in land use either permanent or temporary <ul style="list-style-type: none"> Change in land use will be progressive as quarrying advances. Temporary land use is expected in areas where the mine support facilities will be built. 	<ul style="list-style-type: none"> Areas that have been disturbed will be rehabilitated. Progressive mine rehabilitation will be performed as part of EPEP. A FMRDP will be prepared for approval five years before the final decommissioning of the contract/mining area as required under Sec. 187 of DAO 96-40. Rehabilitation in areas where facilities were decommissioned will be restored to as close as possible to pre-mining condition.
Vegetation clearing activities	<ul style="list-style-type: none"> Removal of vegetation Habitat loss or disturbance 	<ul style="list-style-type: none"> Minimize vegetation clearing. Revegetation of project disturbed areas whenever feasible. Regeneration of degraded forest that will not be affected by the project.
Earthworks, construction activities, movement of heavy equipment	<ul style="list-style-type: none"> Surface erosion and downstream sedimentation 	<ul style="list-style-type: none"> Implement erosion and sedimentation control measures such as sediment sump, settling ponds, bio-engineering, slope and surface drainage management, etc. Restoration of disturbed areas whenever possible.
Quarrying	<ul style="list-style-type: none"> Dust generation Temporary removal of soils (overburden) 	<ul style="list-style-type: none"> Regular sprinkling of water especially during dry season along dusty road and areas of operation. Stockpiling and replacement of excavated soils. Establishment of erosion control structures to prevent erosion of soil stockpiles
Operation of heavy equipment and other vehicles	<ul style="list-style-type: none"> Generation of exhaust emissions 	<ul style="list-style-type: none"> Proper maintenance of heavy equipment and other vehicles.
Construction and operation activities	<ul style="list-style-type: none"> Generation of solid and hazardous waste 	<ul style="list-style-type: none"> Develop and implement waste management plans in accordance with applicable laws and regulations
	<ul style="list-style-type: none"> Generation of domestic wastewater and wastewater from the motor pool 	<ul style="list-style-type: none"> Install septic tanks, oil-water separator
	<ul style="list-style-type: none"> Employment and other multiplier effects 	<ul style="list-style-type: none"> Employment priority to be given to residents of affected barangays; encourage business establishments

PROJECT DESCRIPTION FOR SCOPING

Calbayog Aggregates Project

Majestic Earth Core Ventures, Inc

Environmental Aspect	Potential Impact	Prevention/Mitigation/Enhancement Measures
Construction and operation activities (cont.)	<ul style="list-style-type: none"> • Increase in revenues for local and national government • Infrastructure and Livelihood Programs 	<ul style="list-style-type: none"> • Improvement of basic social services from the local government • Ensure meaningful and sustainable Social Development and Management (SDMP) and Corporate Social Responsibility (CSR) programs.
	<ul style="list-style-type: none"> • Occupational health risks and accidents 	<ul style="list-style-type: none"> • Regular health and safety trainings to employees; provision of first aid kits; PPEs
Decommissioning and Abandonment	<ul style="list-style-type: none"> • Occurrence of high unstable slopes; erosion of newly replaced soils 	<ul style="list-style-type: none"> • Progressive rehabilitation using overburden materials and re-contouring to achieve stable slopes
	<ul style="list-style-type: none"> • Establishment of vegetation and return of wildlife 	<ul style="list-style-type: none"> • Revegetation/ re-greening of disturbed areas • Maintenance of pollution control structures
	<ul style="list-style-type: none"> • Reduction and eventual termination of employment 	<ul style="list-style-type: none"> • Promote alternative and sustainable livelihood during operation phase

4. INFORMATION, EDUCATION, & COMMUNICATION (IEC) CAMPAIGN

Consistent with the DAO 2017-15, the Guidelines on Public Participation under the Philippine Environmental Impact Statement System (PEISS), a pre-scoping Information, Education and Communication (IEC) activity was held on March 27, 2021, at the Barangay San Joaquin Covered Court, Calbayog City. The main objectives of the IEC were to inform the stakeholders about the proposed aggregates quarry project and to gather the stakeholders' concerns, issues and recommendation regarding the project and the environment.

MECVI led the IEC that followed the State of the Barangay Address (SOBA) of the San Joaquin barangay chairman to his constituents. There were 198 attendees in the IEC from Barangays San Joaquin, Ba-ay and Binaliw. The program of activities are shown below.

No.	Topic	Status/Issue/Comment
1	Introduction and Presentation of Program Flow	The staff and other guests of MECVI were introduced to the barangay participants. The program flow of the IEC was then presented.
2	Presentation of the project overview, current operation status and implementation.	MECVI presented a brief background of the project and the project's salient points.
3	Presentation of the MECVI current programs for the community and environmental enhancement.	The community projects were presented, livelihood interventions and assistance.
4	Presentation of proposed Calbayog Aggregates Project to the barangay.	MECVI presented the plan for the Calbayog aggregates project
5	Open forum and discussions	The barangay participants were given the chance and opportunity to ask questions or react to the proposed project.

4.1 SUMMARY OF DISCUSSIONS DURING OPEN FORUM

Query/Concern/Suggestion/Comment	Response
<ul style="list-style-type: none"> The quarry project caused flooding in our sitio and other areas in the barangay. The water from the mountain gushes in the lowland. Will the quarry destroy the watershed? Will the quarry affect the water in the mountain? 	<ul style="list-style-type: none"> The quarry does not cause flooding. The quarry method that will be used will ensure that there will be no flooding or landslides. It will not affect any watershed or natural water spillways. During the rainy season, the flow of water from the mountains will flow through natural channels. These channels will not be affected by the project.
<ul style="list-style-type: none"> How can we be assured that MECVI adheres to environmental standards? 	<p>MECVI adheres to strict safety and environmental standards. MECVI's top priority is the safety of its employees and the community, that is why it ensures that the employees strictly follow safety protocols and safety checks.</p> <p>MECVI also ensures that the environment and the people in the community are safe. There is an open dialogue and discussion with the community to ensure that the concerns and the issues of the people are addressed.</p>

The participants in general did not oppose the project. The questions and concerns they raised were based on their general observation. MECVI then explained to the community members that the quarry will not have any direct effect on their water or will it cause any flooding or landslide. The explanation and assurance given seemed to be satisfactory and the participants understood how the project will operate.

Photographs of the IEC campaign is presented as **Appendix 2** and the attendance sheets are included in **Appendix 3**.

4.2 INITIAL PROJECT AWARENESS AND PERCEPTION SURVEY

Following the IEC meeting on March 27, 2021, a perception survey was conducted in the host barangays of San Roque, Ba-ay and Binaliw. Forty-nine (49) respondents were interviewed to determine their knowledge and perception of the proposed project.

Majority of the respondents have heard about the quarry project of MECVI and have knowledge about the proposed project. As with any extractive industries, in particular a quarry, this is a very straightforward project and the people in the area are often made aware of the plans to open and operate a quarry. However, it should be noted that for the people in the area, the project's benefits or the negative effects is not clear. There are two possible explanations for this: firstly, the location of the project site is far away from the residential areas, and this has no direct impact to their communities; and secondly, quarries are often self-contained. The day-to-day operations of the quarry site has no impact to any social or economic structures.

Table 6: Heard about the Majestic Earth Core Ventures Quarry Project

Municipality	Barangay	Sample Size	Yes	No	Total
Calbayog	San Joaquin	25	25	0	25
	Bay-ay	15	14	1	15
	Binaliw	9	8	1	9
	Total	49	47	2	49

Source: Source: Perception Survey, 2021

Majority of the people in the area have a positive perception about the project with 90%. The negative perception is at 6% and no answer/ no comment at 4%.

Based on field interviews, the people in the barangays have these perceptions because they are generally not affected by the quarry project. The operation of the project does not affect the quality of everyday life of the people in the surrounding/ nearby areas. The few who have negative perception to the project often associate the quarry projects to environmental issues. There are 2 persons who have no answers or comments about the project.

Table 7: Knowledge about the Majestic Earth Core Ventures Quarry Project

Area	Base	Positive Perception	%	Negative Perception	%	Neutral	%	No Answer	%
All Host Barangays	49	44	90	3	6	-	-	2	4

Source: Source: Perception Survey, 2021

Quarry projects are often perceived to provide employment opportunities and other livelihood opportunities in the area. As a predominantly farming area, the project is perceived to provide alternative source of employment and livelihood and even possible source of building/ construction materials for building houses and other infrastructure in the barangays.

Table 8: Expected Benefits from the Majestic Earth Core Ventures Quarry Project

	All Ratings Base n=49
Will generate more employment opportunities	29
Will generate more businesses and industries	14
Will generate more earnings for the community	2
Will generate more community projects and assistance: roads, infrastructures; assistance to school, health, livelihood, and development training	2
No Answer	2

Source: Source: Perception Survey, 2021

The project has a high favorability with the PAPs in the area. The quarry is seen in a positive way as it provides employment and income for the barangays.

Table 9: In Favor of the Majestic Earth Core Ventures Quarry Project

Municipality	Barangay	Sample Size	Yes	No	No Answer
Calbayog	San Joaquin	25	23	2	
	Binaliw	9	9	0	
	Ba-ay	15	12	1	2
	Total	49	44	3	2

Source: Source: Perception Survey, 2021

Majority of the PAPs have expressed the willingness to cooperate with the project proponents indicating a general positive response and low opposition to the project.

Table 10: Willingness to Cooperate

Municipality	Barangay	Sample Size	Yes	No	No Answer
Calbayog	San Joaquin	25	23	1	1
	Binaliw	9	9	0	
	Ba-ay	15	10	1	4
	Total	49	42	2	5

Source: Perception Survey, 2021

5. PUBLIC SCOPING

5.1 PRELIMINARY LIST OF INVITEES FOR PUBLIC SCOPING

A. Host Barangays	
Barangay San Joaquin	Brgy. Chairman Silverio Palima Brgy. San Joaquin & Council
Barangay Ba-ay	Brgy. Chairman Rogan S. Mapa Brgy. Ba-ay & Council
Barangay Binaliw	Brgy. Chairman Rogelio L. Andaya Brgy. Binaliw & Council
Barangay sectoral representatives (for each host barangay)	Farmers and Fisherfolks Association Senior Citizen Association

	Women's Association 4Ps Irrigators School Heads Parish Priest Concerned NGOs
B. Host City	
Calbayog City	Hon. Diego Rivera* City Mayor Hon. Rey James Uy Vice City Mayor/Chair Sangguniang Bayan
	Municipal Environment and Natural Resources Officer
	City Disaster Risk Reduction and Management Officer
	City Agriculturist
	City Health Officer
	City Planning and Development Coordinator
	Municipal Environment and Natural Resources Officer
C. Host Province	
Samar Province	Hon. Sharee Ann T. Tan Governor, Samar Province
D. Government Agencies	DENR/EMB Region 8 MGB Region 8

* Assumed office by virtue of succession

5.2 DRAFT INVITATION LETTER

[Date]

[Name] _____

[Designation]

[Agency/Organization]

Dear _____,

**RE: Invitation to attend the Public Scoping for the proposed Calbayog
Aggregate Project**

Majestic Earth Core Ventures, Inc. (MECVI) is pleased to invite you to the Public Scoping for the proposed Calbayog Aggregates Project located in barangays of San Joaquin, Ba-ay, and Binaliw of the City of Calbayog, Province of Samar. The Project will involve the development of a quarry to extract non-metallic ores to produce aggregates through crushing. The Public Scoping will be held on _____ [date] _____ at _____ [time] _____ in _____ [venue] _____.

The Public Scoping is conducted as a requirement for MECVI's application for an Environmental Compliance Certificate (ECC). It will be a venue for the proponent to provide an overview of the proposed project, and an opportunity for the stakeholders to raise their issues, questions and concerns regarding the proposed project.

The concerns that will be gathered will be considered in the conduct of the Environmental Impact Assessment (EIA) that will identify the potential environmental impacts of the proposed project and correspondingly formulate the appropriate mitigating and enhancement measures to manage these environmental impacts.

The Project Description for Scoping (PDS) is downloadable at our website: _____.

Provided below is the proposed Program for the Public Scoping. For more details, you may contact the EMB Central Office at telephone number _____.

Thank you and we look forward to your participation.

Sincerely yours,

ENGR. ESPERANZA A. SAJUL
Chief, EIA Management Division

5.3 DRAFT PROGRAM OF ACTIVITIES FOR PUBLIC SCOPING

Project Title : Calbayog Aggregates Project		
Project Location : Barangay San Joaquin, Barangay Ba-ay and Barangay Binaliw, Calbayog City, Samar Province		
Project Proponent : Majestic Earth Core Ventures, Inc.		
Date and Time of Scoping: _____		
Scoping Venue/Address: _____		
Time	Program of Activities	Person Responsible
7:30-9:00 am	Registration	Preparer/Proponent
9:00 – 9:15 am	Opening Prayer National Anthem Welcome Remarks	LGU
9:15-9:30 am	Introduction of Participants Objectives and Expectation Setting of the Scoping	Facilitator / Representative of Project Proponent
9:30 – 9:40 am	Overview of the Scoping Guidelines Mechanics of the Scoping	DENR-EMB EIAMD Personnel/EMB Case handler
9:40 – 10:00 am	Brief Presentation of Proposed Project and the EIA Process	Representative Project Proponent
10:00 – 11:00 am	Open Forum and Raising of Issues to be addressed by the EIA Study	Facilitator / Project Proponent/ Representative, EIA Division Representative
11:00 – 11:15 am	Synthesis and Integration/ Summary of Issues and Agreements on Scoping	Facilitator / Project Proponent/ Representative, EMB EIAMD
11:15 - 11:30 am	Closing Remarks, and Next Steps in the EIA Process	EMB EIAMD or representative

APPENDICES

Appendix 1:
Accomplished EIA Coverage & Requirements
Screening Checklist (ECRSC)

APPENDIX 1


EIA COVERAGE & REQUIREMENTS SCREENING CHECKLIST (ECRSC)

Purposes of the Screening Checklist:

1. Self-Screening Form by the Proponent (unofficial, for guidance purposes)
2. Screening Validation Form by the EMB (official; signed copy may be transmitted to banks, economic/industrial zone administrators, other users who request EMB validation or any entity EMB may want to inform)
3. Site Inspection Report Form by the EMB for ECC/CNC applications
4. Site Inspection Report Form by the EMB for suspected or reported projects operating without ECC

Instructions: Write legibly and put information or check mark (✓) in box, where appropriate.

A. SCREENING FOR EIA COVERAGE AND REQUIREMENTS											
1. Purpose of Screening	<input checked="" type="checkbox"/> Proponent Self Screening for <input type="checkbox"/> EMB Screening for Validation <input type="checkbox"/> Site Inspection Report for: <input checked="" type="checkbox"/> ECC <input type="checkbox"/> CNC <input type="checkbox"/> ECC Amendment <input type="checkbox"/> Inquiry <input type="checkbox"/> ECC/CNC/Amendment <input type="checkbox"/> Proj w/out ECC										
2. Project Name	Calbayog Aggregate Project										
3. Project Location	<p>Note: If project is in national waters or outside any LGU jurisdiction, pls state nearest LGU & distance.</p> <table border="1"> <tr> <th>Sitio/s</th> <th>Barangay/s</th> <th>Municipality/ies</th> <th>Province/s</th> <th>Region</th> </tr> <tr> <td></td> <td>San Joaquin, Bay and Binaliw</td> <td>Calbayog City</td> <td>Samar</td> <td>VII (Eastern Visayas)</td> </tr> </table>	Sitio/s	Barangay/s	Municipality/ies	Province/s	Region		San Joaquin, Bay and Binaliw	Calbayog City	Samar	VII (Eastern Visayas)
Sitio/s	Barangay/s	Municipality/ies	Province/s	Region							
	San Joaquin, Bay and Binaliw	Calbayog City	Samar	VII (Eastern Visayas)							
4. Proponent Name	Majestic Core Earth Ventures, Inc.										
5. Proponent Address	Cliffpoint Square 2/F Bldg. D, CW Home Depot Compound Julia Vargas Avenue, Barangay Ugong, Pasig City										
6. Contact Person Name	Mary Grace P. Mateo										
7. Proponent Means of Contact	Landline No : (632) 7906 1664 Fax No. : _____ Mobile No : 0917 153 6725 Email : gracemateo85@gmail.com										
8. Project Type or Undertaking	Resource Extractive (Quarry and Crushing Plant) <i>Refer to Table 1 for new single projects or for types of project components of co-located projects, and Annex 2-1c for ECC amendment/modification proposal (if not listed, use DTI official nomenclature and classification number)</i>										
9. Project Status	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing, for Modification (w/or w/out Expansion) <input type="checkbox"/> Operating without an ECC <input type="checkbox"/> Previously not covered										
10. Main Project 's Components for both Multi-component Single Project Applications and for Co-Located Project Applications	C.3.c Extraction of non-metallic ores with or without explosives; and crushing <i>Refer to Annex 2-1b for new projects and Annex 2-1c for ECC amendment/modification proposal (if not listed, use DTI official nomenclature and classification number);</i>										
11. Project Size (main project component and sub-components)	<table border="1"> <tr> <th colspan="2">Project Size* of Components</th> </tr> <tr> <td colspan="2">Production Capacity of 500,000 MT/year</td> </tr> </table> *e.g. Capacity (MW, m ³ , heads), production capacity (MT/year) and space allocation (km, ha.) See Annex 2-1b for examples.	Project Size* of Components		Production Capacity of 500,000 MT/year							
Project Size* of Components											
Production Capacity of 500,000 MT/year											
12. Project Group based on Type of Threshold ONLY	<table> <tr> <td>Single Project</td> <td><input checked="" type="checkbox"/> Group I (ECP)</td> <td><input type="checkbox"/> Group II* (NECP in ECA)</td> </tr> <tr> <td>Co-located Project (Group IV)</td> <td colspan="2"><input type="checkbox"/></td> </tr> <tr> <td>Unclassified Project (Group V)</td> <td colspan="2"><input type="checkbox"/></td> </tr> </table> * All new Projects are initially assumed located in ECA. Thus, there is no Grp III in the first level screening.	Single Project	<input checked="" type="checkbox"/> Group I (ECP)	<input type="checkbox"/> Group II* (NECP in ECA)	Co-located Project (Group IV)	<input type="checkbox"/>		Unclassified Project (Group V)	<input type="checkbox"/>		
Single Project	<input checked="" type="checkbox"/> Group I (ECP)	<input type="checkbox"/> Group II* (NECP in ECA)									
Co-located Project (Group IV)	<input type="checkbox"/>										
Unclassified Project (Group V)	<input type="checkbox"/>										
13. EIA Report Type	<table> <tr> <td><input checked="" type="checkbox"/> EIS</td> <td><input type="checkbox"/> PEIS</td> <td><input type="checkbox"/> IIEER</td> <td><input type="checkbox"/> PDR</td> </tr> <tr> <td><input type="checkbox"/> EPRMP</td> <td><input type="checkbox"/> PEPRMP</td> <td><input type="checkbox"/> IIEEC</td> <td><input type="checkbox"/> Lette</td> </tr> </table> For EIA Report Types: Refer to Annex 2-1b for new projects, Annex 2-1c for modification, and Table 3 for further guidance - If a component has an EIA Report requirement at a higher level than the main project component being applied for (e.g. EIS for a support component, IEE for main project, the component's report type should be adopted as the application document for the entire project) NOTE: FOR PROJECTS UNDER Group I (all with EIS requirement) and Group II with PDR-threshold level), there is no need to undertake ECA screening. Step 13 is the final screening step. For projects under Group II with EIS or IEE threshold, proponent is advised to go to Step #14 if it wants the option to confirm the actual ECA status of the project for the purpose of determining non-coverage. If project location is confirmed non-ECA, project shall not be required any report type or ECC. However, if the Proponent wants	<input checked="" type="checkbox"/> EIS	<input type="checkbox"/> PEIS	<input type="checkbox"/> IIEER	<input type="checkbox"/> PDR	<input type="checkbox"/> EPRMP	<input type="checkbox"/> PEPRMP	<input type="checkbox"/> IIEEC	<input type="checkbox"/> Lette		
<input checked="" type="checkbox"/> EIS	<input type="checkbox"/> PEIS	<input type="checkbox"/> IIEER	<input type="checkbox"/> PDR								
<input type="checkbox"/> EPRMP	<input type="checkbox"/> PEPRMP	<input type="checkbox"/> IIEEC	<input type="checkbox"/> Lette								

	the option to secure a CNC, it must submit a PDR.										
14. Environmental Criticality of Location (ONLY FOR GROUP II PROJECT W/ EIS & IEE-BASED THRESHOLDS & WANT TO KNOW NON-COVERAGE OPTION)	<p>Fill out Table 2b first as basis for filling out the ECA Summary Table 2a, then check appropriate box below:</p> <p> <input type="checkbox"/> ECA* <input type="checkbox"/> NECA** <input type="checkbox"/> Uncertain*** </p> <p><i>*Any one confirmed ECA among the 12 ECA categories renders the project location an ECA.</i></p> <p><i>**All of the relevant ECA categories have to be confirmed by Proponent thru the mandated agencies as "not an ECA" before the project is considered a NECA. See footnote of Table 2b on "relevance" determination.</i></p> <p><i>***If no response or data from agencies, the "uncertain" rating renders the project location as ECA.</i></p> <p>For ECA Categories:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Specific Category</th> <th style="width: 50%;">Legal Basis or Official Name of Specific ECA Category</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	Specific Category	Legal Basis or Official Name of Specific ECA Category								
Specific Category	Legal Basis or Official Name of Specific ECA Category										
15. Final Project Group & EIA Report Type based on ECA Screening	<p>Single Project <input type="checkbox"/> Group II (NECP in ECA) <input type="checkbox"/> Group III (NECP in NECA)</p>										
16. EIA Report Type	<p> <input type="checkbox"/> EIS <input type="checkbox"/> PEIS <input type="checkbox"/> IEER <input type="checkbox"/> PDR <input type="checkbox"/> EPRMP <input type="checkbox"/> PEPRMP <input type="checkbox"/> IEEC <input type="checkbox"/> Letter Request </p> <p><i>For EIA Report Types: Refer to Annex 2-1b for new projects, Annex 2-1c for modification, and Table 3 for further guidance</i></p> <p><i>- If a component has an EIA Report requirement at a higher level than the main project being applied for (e.g. EIS for a support component, IEE for main project, the component's report type should be adopted as the application document for the entire project)</i></p>										
17. Processing/ Endorsing Authority	<p> <input checked="" type="checkbox"/> EMB CO Director <input checked="" type="checkbox"/> EIAMD Chief Refer to Table 3 </p>										
18. Application Deciding Authority	<p> <input type="checkbox"/> EMB RO Director <input checked="" type="checkbox"/> EMB CO Director <input checked="" type="checkbox"/> DENR Secretary </p>										
19. Filing Fee	PhP 10,000.00										
B. RAPID SCREENING FOR ENVIRONMENTAL ISSUES <i>(Note: Optional for Proponent for Pre-Scoping Preparations; Required for EMB if project is required a Site Inspection Report prior to Substantive Review of procedurally-accepted applications)</i>											
<p align="center">Site-specific (ECA/Non-ECA) Potential Key Environmental Issues</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Envitl Component*</th> <th>Potential Issues</th> </tr> </thead> <tbody> <tr><td>Land</td><td> </td></tr> <tr><td>Water</td><td> </td></tr> <tr><td>Air</td><td> </td></tr> <tr><td>People</td><td> </td></tr> </tbody> </table> <p><small>*Use Table 2b as basis for identification of environmental and social issues likely associated with the project's location in specific ECA category/ies. Otherwise, issues may be identified thru site inspection for a rapid screening/ observation of the project environment.</small></p>		Envitl Component*	Potential Issues	Land		Water		Air		People	
Envitl Component*	Potential Issues										
Land											
Water											
Air											
People											
SIGN-OFF PAGE FOR PROPONENT (For any purpose the Proponent may intend the self-screening to be used)											
Prepared by Proponent: Signature over Printed Name <div style="text-align: center;">  Mary Grace P. Mateo </div>	Date of Signing (MM/DD/YYYY) <div style="text-align: right;">06/17/2021</div>										
Received by EMB : Signature over Printed Name	Date of Receipt (MM/DD/YYYY)										
Remarks by EMB:											
SIGN-OFF PAGE FOR EMB (For purposes # 2,3,4)											
Prepared by EMB Region Office ____: Signature over Printed Name	Date of Signing (MM/DD/YYYY)										
Remarks by EMB Regional Office:											
Received by EMB Central Office: Signature over Printed Name (only for Projects where Site Inspection Report needs to be transmitted to the EMB CO)	Date of Receipt (MM/DD/YYYY)										
Remarks by EMB Central Office:											

Appendix 2:
IEC Photographs

Appendix 2: Photo Documentation

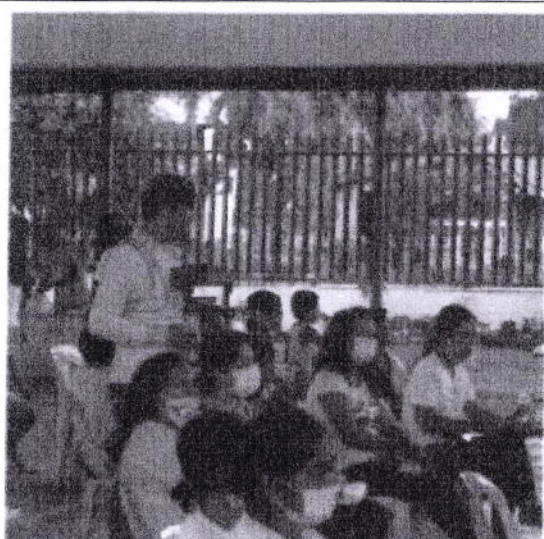
Information, Education and Communication (IEC) Campaign

Majestic Earth Core Ventures Inc.

Calbayog Aggregates Project

Barangay San Joaquin, Calbayog City

March 27, 2021







Appendix 3:
IEC Attendance Sheets

ATTENDANCE

Information, Education and Communication Campaign
San Joaquin, Calbayog City, Samar

27 March 2021

Pangalan	Kasarian		Pirma	Barangay
	Lalaki	Babae		
HARVIC V. paghunasan		✓	HARVIC V. paghunasan	San Joaquin
Negrita D. McKi+pekir		✓	Negrita D. McKi+pekir	San Joaquin
MARISSA P. ROSEN A		✓	MARISSA P. ROSEN A	San Joaquin
Betty Panuncio		✓	Betty	San Joaquin
Edna F. Tano			Edna	San Joaquin
Ranena Abel		✓	Ranena Abel	San Joaquin
Lolita gloran		✓	Lolita M. Flores	San Joaquin
Marcusa Bonayog		✓	Angel Bonayog	San Joaquin
Evelyn Obae		✓	Angel	San Joaquin
Elena dublin		✓	dulce	San Joaquin
Vilma Panuncio		✓	dulce	San Joaquin
Eufemina Bantulat		✓	roxanne	San Joaquin
Cristy Bonayog		✓	Cristine	San Joaquin
Ronnie Lumanog	✓		Jumara	San Joaquin
Jenny A. Polines		✓	gabriel	San Joaquin
Jesselle M. Rivera		✓	Jesselle	San Joaquin

ATTENDANCE

Pangalan	Kasarian		Pirma	Barangay
	Lalaki	Babae		
JOHN M. BIZMOR		✓	my	SAN JOAQUIN
Alfon S. Mampit	-			San Joaquin
Amelia P. Andalga		-	Andalga	San Joaquin
Evelyn Aquino		-	E. Aquino	San Joaquin
Rosalinda Sagayap		-	the eling	San Joaquin
Dulce E. Labasas		-	Alasas	San Joaquin
Cirilia D. Robido		-	Robido	SAN JOAQUIN
RONALD P. ESPINOZA	/		Ronald	SAN JOAQUIN
JACQUELINE O. CANDELA		✓	gabellana	SAN JOAQUIN
NINO M. UY	✓			San Joaquin
Veneranda C. Salundaga		✓	Salundaga	San Joaquin
Milva B. Pandang		-	pandang	SAN JOAQUIN
Linda L. Aranda		-	Aranda	San Joaquin
Elvia S. Panuasi		-	ELSP	San Joaquin
Elenita P. Montemayor		-	Edmundo	San Joaquin
Reanne B. Lomoc		-		SAN JOAQUIN
Milegras M. Sumangay		-	M.S.	San Joaquin
Precila E. Lomoc		-	Precila E. Lomoc	San Joaquin
Asuncion B. Sumangay		-	A. Sumangay	San Joaquin

ATTENDANCE

Pangalan	Kasarian		Pirma	Barangay
	Lalaki	Babae		
VERNA L. ENDIYA		/	VR	San Joaquin
Viola Rayald		/	Viola Rayald	SAN JOAQUIN
Marlene Niclagdan	/	/	Marlene	San Joaquin
Joseph P. Tanes		/	Joseph	San Joaquin
Marla Delas Santos		/	Marla D.	San Joaquin
Katrina D. Afen		-	Katrina	San Joaquin
Norma F. Adepin		-	N. Adepin	San Joaquin
Mary Jane M. Robido		/	M. J. Robido	San Joaquin
Edna S. Pangut		/	Edna S. Pangut	San Joaquin
Thelma C. Luelan		/	Thelma C. Luelan	San Joaquin
SALO M. M. GUICO		/	Salome M. Guico	San Joaquin
Joseph S. Negridu		/	Joseph	San Joaquin
Edna Robes		/	Edna	San Joaquin
NICHOLAS B. BATULAT	/	X	N. BATULAT	SAN JOAQUIN
Marlene A. Andales		/	Andales M.	San Joaquin
DEANITO CARIWAY	/		DEANITO	SAN JOAQUIN
Carla C. Camacho		/	Carla C. Camacho	San Joaquin
Maribel R. Villanueva		/	M. Villanueva	San Joaquin

ATTENDANCE

Pangalan	Kasarian		Pirma	Barangay
	Lalaki	Babae		
Venera V. Bernoy		-	V. Bernoy	San Joaquin
Rocelina T. Cabandoc		-	R. Cabandoc	San Joaquin
Teresito S. Acitac		✓	Teresito S. M	San Joaquin
Jenny T. Sales		✓		San Joaquin
Johnson Velasco	✓			San Joaquin
RANDY DELOS REYES DAXAGO	✓			San Joaquin
Paul D. Danilo	✓			San Joaquin
Alfonso Ebrole	✓			San Joaquin
JHODEL MONTERMOSO	✓			San Joaquin
Lina D. Pataulat		-		San Joaquin
Donedel B. BACAS	✓			San Joaquin
Mila C. Taguerra	✓			San Joaquin
Schirley Montenegro Santiago	✓			San Joaquin
ERIKO MENA	✓			San Joaquin
Antonio Bartol	✓			San Joaquin
Rodolfo Bernido	✓			San Joaquin
Maria Victoria B. M. Pint	✓			San Joaquin
ERLO ZASPA	✓			San Joaquin

Pangalan	Kasarian		Pirma
	Lalaki	Babae	
ANDRANO A. TALON		—	Atalon
VERGASO SUCO		—	Vergaso
CHARITO C. DUTAGIT		—	Cruzagast
FEDERICA C. CAYAN		—	Narciso Cayamides
NARCISO JAMIDLES		—	
CRISTINA T. FLOR		—	Flora
CRISTINA ELLERA		—	Cristina Eller
JERRY A. MACHING		—	Jerry A. Maching
HERMENIA R. RESUETA		—	Herminia
SUSAN D. CADISAL		—	Susan Cadisal
JEANETTE C. DELOS REYES		—	Jeanette C. Delos Reyes
VERONICA M. DELAYUP		—	Veronica M. Delayup
LOLOPE MUCICIO	—		Lolope Mucicio
ELLA CACACACAN	—		ella
CONNIE TS. LACBAYO		—	Connie
ELIZABETH H. OLO		—	Elizabeth H. Olo
EMERSON T. HAMPATIE	—		Emerson
REATOR V. BULLEN		—	Reator
BEATRIZ A. GOCAPCO		—	Beatriz

SAN JOAQUIN
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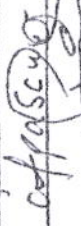



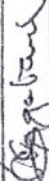


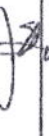



ATTENDANCE

Pangalan	Kasarian		Pirma	Barangay
	Lalaki	Babae		
Anna D. Sagayap		✓	Jedagayap	San Joaquin
Josephine P. Locatelo		✓	Josephine	San Joaquin
Francine P. Delin		✓	J.P.	Baray
Ninfa T. Sagayap		✓	Ninfa	SAN JOAQUIN
Debra R. Sabon		✓	Debra R. Sabon	Baray
Donna M. Ochoa	✓		Donna Ochoa	Baray
Rosemarie V. SUAREZ		✓	Rosemarie	Baray
Meredith M. Manglap		✓	Meredith M. Manglap	Baray
JULIUS AGUIRRE	✓		J.P.	Baray
Robina M. Dagdag		✓	Robina	Baray
Summa R. Mungay		✓	Summa	Baray
May Jay P. Montecalbo		✓	May Jay	Baray
Isabelita C. Gervana	✓		Isabelita	Baray
Yimayo Labatelo	✓		Yimayo	San Joaquin
Arnelinda C. P. Tagdo	✓		Arnelinda	San Joaquin
Urciana C. Robido		✓	Urciana	San Joaquin
Betty A. Tano		✓	Betty	SAN JOAQUIN
MARLYN T. ABAO		✓	MARLYN	Baray
MARNIE SONDOS		✓	MARNIE	Baray

ATTENDANCE

Pangalan	Kasarian		Pirma	Barangay
	Lalaki	Babae		
MARLO TALON	/		perito Talo	Ba-ay
Wenica D Socapco		/	Wenica D Socapco	Ba-ay
Cristina B. Mejido		/	Cristina B. Mejido	Ba-ay
JR TIGAO	/		JR TIGAO	Ba-ay
Gerardo M. Tizon	/		Gerardo M. Tizon	Ba-ay
Herlie D. Tamielles		/	Herlie D. Tamielles	Ba-ay
Jamille F. Vilaniano		/	Jamille F. Vilaniano	Ba-ay
Amarante Adlar		/	Amarante Adlar	Ba-ay
Gean C. Bernardino		/	Gean C. Bernardino	Ba-ay
ANTONIAH C. BONGUIT		/	ANTONIAH C. BONGUIT	Ba-ay
Rolita P. Pallones		/	Rolita P. Pallones	Ba-ay
Maribel T. Francisco		/	Maribel T. Francisco	Ba-ay
maulyn S. mangion		/	maulyn S. mangion	Ba-ay
JOOI Alliozer	/		J A	Ba-ay
Aerita C. Labrador		/	Aerita C. Labrador	Ba-ay
Michael Solita		/	Michael Solita	Ba-ay
Ailyn Carpan		/	Ailyn Carpan	Ba-ay
JOHNSON TUTOR		/	JOHNSON TUTOR	Ba-ay
Elsie Basas		/	Elsie Basas	Ba-ay

ATTENDANCE

Pangalan	Kasarian		Pirma	Barangay
	Lalaki	Babae		
Veriginia Socapco		-	Veriginia Socapco	Binaliw
alma T. Pascual		-		Binaliw
NAXPO BATULAT	M			BINALIW
Evelyn S. Sagayap		-	Ella Sagayap	San Joaquin
EMMA D. ASEWARES		-		Ka-ay
EDUARDO C. BACGUR	M			Ba-ay
Alejandra L. Gabane		-		Ba-ay
'ma Lina B. Manzano		-	ma. Lina B. A.	Ka-ay
Mydriel C. Montecalbo		-	Mydriel	Binaliw
Paz L. Bantua		-		Binaliw
Roselyn C. Sagayap		-		Binaliw
DIMIER LUMIN		-		BINALIW
NOVA B. DASIL		-		Dinaliw
MASELYN A. ABESUELA		-		Binaliw
Alma D. Talon		-	Alma	Binaliw
Roberto S. Patigob		-	Roberto	Binaliw
Segunda Montalban		-		Binaliw
Cherishita Sumagang		-	Cherishita Sumagang	Binaliw
Felisa P. Dublin		-	Felisa P. Dublin	Binaliw

ATTENDANCE

Pangalan	Kasarian		Pirma	Barangay
	Lalaki	Babae		
PEUNY LANE M. PATIGADO		✓	PEUNY LANE M. PATIGADO	Ba-ay
Rosalie B. Scaipo		✓	Rosalie B. Scaipo	Ba-ay
Matilde F Encarnacion		✓	Matilde F Encarnacion	Ba-ay
Diosa Mabon		✓	Diosa Mabon	Ba-ay
IRISH D Caber		✓	IRISH D Caber	Ba-ay
SCOTER O B. CHAFON	✓		SCOTER O B. CHAFON	Ba-ay
Norma D. Trinidad		✓	Norma D. Trinidad	Ba-ay
Elena Locallas		✓	Elena Locallas	Ba-ay
Arlina B. Abayula		✓	Arlina B. Abayula	Ba-ay
Edelinda G. Caguita		✓	Edelinda G. Caguita	Ba-ay
Lilia O. O. O.		✓	Lilia O. O. O.	Ba-ay
Daniela Cunanan		✓	Daniela Cunanan	Ba-ay
Susan J. Sayson		✓	Susan J. Sayson	Ba-ay
Dionesia C. CATONGCOY		✓	Dionesia C. CATONGCOY	Ba-ay
Edna C. Egat		✓	Edna C. Egat	Ba-ay
Marie Sungang		✓	Marie Sungang	Ba-ay
Dalia O. trangia		✓	Dalia O. trangia	Ba-ay
AKTIVIDAD A. TEJADA		✓	AKTIVIDAD A. TEJADA	Ba-ay
Lydia T. Renduta		✓	Lydia T. Renduta	Ba-ay

ATTENDANCE

Pangalan	Kasarian		Pirma	Berangay
	Lalaki	Babae		
ERLYN T. NIEVES	/	/	Elyon	Ba-ay
VIOLITA R. ANDAYA		/	V.R. Andaya	Ba-ay
HELENA A. LABUAN		/	Helena	Ba-ay
MARIE A. KATHILUN		/	Marie	Ba-ay
CHOLETA S. DONGON		/	Choleta	Ba-ay
MELONA O. PENEDILLA		/	Melona O. Penedilla	Ba-ay
MILAGRAS O. PENEDILLA		/	Milagras O. Penedilla	Ba-ay
HAIALA S. ANDALES		/	Haiala S. Andales	Binaluan
ELINDA P. TANZO		/	Elinda	BINALUAN
DIOTTA ANDALES		/	Diotta S. Andales	BINALUAN
CHONA S. TICA		/	Chona	Binaluan
BERNARDETH D. ADEGIN		/	Bernardeth	Binaluan
ERICA Z. YGLEYAN		/	Erica Z. Ygleyan	Binaluan
BODES REGGIO	/		Bodes Regio	BINALUAN
ALMA T. SABAYAN		/	Alma T. Sabayan	Binaluan
VIVENCIA U. ANDAYA		/	Vivencia U. Andaya	Ba-ay
ANABELL TAPUA		/	Anabell Tapua	Ba-ay
EMILDEN A. BUENA		/	Emilden A. Buena	San Joaquin
ANASTACIA M. LOMBA		/	Anastacia M. Lomba	San Joaquin

ATTENDANCE

Pangalan	Kasarian		Pirma	Barangay
	Lalaki	Babae		
Jorge R. Quarnio		✓	Jorge R. Quarnio	Pan-ay
Melinda Oval	✓		Melinda Oval	Binaliw
Sofia D. Cayandob		✓	Sofia D. Cayandob	Pan-ay
Leo Salvador	✓		Leo Salvador	Ba-ay
John Branzuela	✓		John Branzuela	BINALIW
Romeo S. Tiay	✓		Romeo S. Tiay	BINALIW
Sasana B. Rubido	✓		Sasana B. Rubido	Binaliw
PATER B. TABON		✓	PATER B. TABON	BINALIW
FEDERICO ACITO	✓		FEDERICO ACITO	BINALIW
Vacante Lano	✓		Vacante Lano	BA-AY
Tahan Tumbon			Tahan Tumbon	Ba-ay
ELVIRA D. SOTTO		✓	ELVIRA D. SOTTO	Ba-y
Collette L. Solano		✓	Collette L. Solano	Binaliw

