



September 1, 2023

MEMORANDUM

FOR : The Regional Executive Director
DENR MIMAROPA Region

THRU : The OIC- Assistant Regional Director for Technical Services

ATTN : The In-Charge, LPDD

FROM : The OIC-PENR Officer

SUBJECT : **INSPECTION/VERIFICATION REPORT OF TREES FOUND
WITHIN BALOGO PORT LOCATED AT BRGY. BALOGO, STA.
CRUZ, MARINDUQUE**

Attached herewith is the inspection/verification report of trees affected by future developments within balogo port located at Brgy. Balogo, Sta. Cruz, Marinduque with the following attachments to wit;

1. Inspection/ Verification report
2. Tally sheet
3. Geo-tagged photos
4. GIS-Generated Map showing the location of trees

For information and record.

 Digitally
signed
by Diaz
Imelda
Mendoza
IMELDA M. DIAZ



September 1, 2023

MEMORANDUM

FOR : The OIC-Provincial Environment and Natural Resources Officer

THRU : The Chief, Technical Services Division

FROM : For. Paul Brian D. Mijares
For. Mary Rose L. Borreo
FR. Randy N. Estrella

SUBJECT : **INSPECTION/VERIFICATION REPORT OF TREES
AFFECTED OF FUTURE DEVELOPMENTS WITHIN BALOGO
PORT LOCATED AT BRGY. BALOGO, STA. CRUZ,
MARINDUQUE.**

I. Background

On August 28, 2023 the aforementioned team was instructed by the Chief of RPS Simeon R. Diaz to conduct verification and inspection within the vicinity of balogo port located at Brgy. Balogo, Sta. Cruz, Marinduque.

II. Methodologies

The team proceeded to the area on August 29, 2023 and coordinated with the Armed Forces of the Philippines detachment stationed within balogo port and to barangay LGU that the team will conduct the above cited subject. also,

III. Observation

Upon arrival within the area covered by the previously leased balogo port, it was found out that due to the current state of the said establishment, some portion of the area are inaccessible due to the dense vegetation present. However, most of the dominant species thriving within the area, it was visible that **Ear-leaf acacia** (*Acacia auriculiformis*), and **ipil-ipil** (*Leucaena leucocephala*) are the current dominant species present within the area due to the natural regeneration occurring at present. Upon entering the port area, it was visible that the mangroves within the area are preserved due to undisturbed condition that started upon the foreclosure of the operations within the port.



IV. Attachments

- A. Tally-sheet
- B. Geo-Tagged Photos
- C. GIS-Generated Map

For Information, Record, and further instructions.


PAUL BRIAN D. MILARES

Forester I

Unit Chief, Forest Resource Utilization Unit


MARY ROSE L. BORREO

Forester I

Unit Chief, Surveys and Mapping Unit


RANDY N. ESTRELLA
Forest Ranger



TALLY SHEET

Name of Proponent: Provincial Capitol of Marinduque
Location of the Project: Brgy. Balogo, Sta. Cruz, Marinduque

Tree No.	Species	D (cm)	MH M	TH (cm)	Volume (m3)	*Tree Location (GPS reading)		Tree Category Planted/Natural	Stem Quality
1	Ear-leaf Acacia	2	1.3		0.0002			Natural	1
2	Ear-leaf Acacia	3	1.7		0.0007			Natural	1
3	Ear-leaf Acacia	3	1.3		0.0006			Natural	1
4	Ear-leaf Acacia	2	1.8		0.0003			Natural	1
5	Ear-leaf Acacia	2	1.2		0.0002			Natural	1
6	Ear-leaf Acacia	2	1		0.0002			Natural	1
7	Ear-leaf Acacia	2	1		0.0002			Natural	1
8	Ear-leaf Acacia	3	1		0.0004			Natural	1
9	Ear-leaf Acacia	3	1		0.0004			Natural	1
10	Ear-leaf Acacia	2	1		0.0002			Natural	1
11	Ear-leaf Acacia	2	1.5		0.0003			Natural	1
12	Ear-leaf Acacia	3	1.9		0.0008			Natural	1
13	Ear-leaf Acacia	3	2		0.0009			Natural	1
14	Ear-leaf Acacia	3	2		0.0009			Natural	1
15	Ear-leaf Acacia	2	2		0.0004			Natural	1
16	Ear-leaf Acacia	2	1.4		0.0002			Natural	1
17	Fabaceae Species	3	1		0.0004			Natural	1
18	Ipil-Ipil	2	1.7		0.0003			Natural	1
19	Ipil-Ipil	2	1.3		0.0002			Natural	1

20	lpil-lpil	2	1.7		0.0003			Natural	1
21	lpil-lpil	3	1.3		0.0006			Natural	1
22	lpil-lpil	3	1.8		0.0008			Natural	1
23	lpil-lpil	2	1.2		0.0002			Natural	1
24	lpil-lpil	2	1		0.0002			Natural	1
25	lpil-lpil	4	1.6		0.0013			Natural	1
26	lpil-lpil	2	1		0.0002			Natural	1
27	lpil-lpil	2	1.3		0.0002			Natural	1
28	Fabaceae Species	3	1.7		0.0007			Natural	1
29	Ear-leaf Acacia	3	1.3		0.0006			Natural	1
30	Ear-leaf Acacia	2	1.8		0.0003			Natural	1
31	Ear-leaf Acacia	2	1.2		0.0002			Natural	1
32	Ear-leaf Acacia	2	1		0.0002			Natural	1
33	Ear-leaf Acacia	2	1		0.0002			Natural	1
34	Ear-leaf Acacia	3	1		0.0004			Natural	1
35	Ear-leaf Acacia	3	1		0.0004			Natural	1
36	Ear-leaf Acacia	2	1		0.0002			Natural	1
37	Ear-leaf Acacia	2	1.5		0.0003			Natural	1
38	Ear-leaf Acacia	3	1.9		0.0008			Natural	1
39	Ear-leaf Acacia	3	2		0.0009			Natural	1
40	Ear-leaf Acacia	3	2		0.0009			Natural	1
41	Ear-leaf Acacia	2	2		0.0004			Natural	1
42	Ear-leaf Acacia	2	1.4		0.0002			Natural	1
43	lpil-lpil	3	1		0.0004			Natural	1
44	lpil-lpil	2	1.7		0.0003			Natural	1
45	lpil-lpil	2	1.3		0.0002			Natural	1
46	lpil-lpil	2	1.7		0.0003			Natural	1
47	lpil-lpil	3	1.3		0.0006			Natural	1
48	lpil-lpil	3	1.8		0.0008			Natural	1

49	lpil-lpil	2	1.2		0.0002		Natural	1
50	lpil-lpil	2	1		0.0002		Natural	1
51	lpil-lpil	4	1.6		0.0013		Natural	1
52	lpil-lpil	2	1		0.0002		Natural	1
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56	lpil-lpil	2	1.8		0.0003		Natural	1
57	lpil-lpil	2	1.2		0.0002		Natural	1
58	lpil-lpil	2	1		0.0002		Natural	1
59	lpil-lpil	2	1		0.0002		Natural	1
60	lpil-lpil	3	1		0.0004		Natural	1
61	lpil-lpil	3	1		0.0004		Natural	1
62	lpil-lpil	2	1		0.0002		Natural	1
63	lpil-lpil	2	1.5		0.0003		Natural	1
64	Ear-leaf Acacia	3	1.9		0.0008		Natural	1
65	Ear-leaf Acacia	3	2		0.0009		Natural	1
66	Ear-leaf Acacia	3	2		0.0009		Natural	1
67	Ear-leaf Acacia	2	2		0.0004		Natural	1
68	Ear-leaf Acacia	2	1.4		0.0002		Natural	1
69	Ear-leaf Acacia	3	1		0.0004		Natural	1
70	Ear-leaf Acacia	2	1.7		0.0003		Natural	1
71	Ear-leaf Acacia	2	1.3		0.0002		Natural	1
72	Ear-leaf Acacia	2	1.7		0.0003		Natural	1

73	Ear-leaf Acacia	2	1.3		0.0002			Natural	1
74	Ear-leaf Acacia	3	1.7		0.0007			Natural	1
75	Ear-leaf Acacia	3	1.3		0.0006			Natural	1
76	Ear-leaf Acacia	2	1.8		0.0003			Natural	1
77	Ear-leaf Acacia	2	1.2		0.0002			Natural	1
78	Ear-leaf Acacia	2	1		0.0002			Natural	1
79	Ear-leaf Acacia	2	1		0.0002			Natural	1
80	Ear-leaf Acacia	3	1		0.0004			Natural	1
81	Ear-leaf Acacia	3	1		0.0004			Natural	1
82	Ear-leaf Acacia	2	1		0.0002			Natural	1
83	Ear-leaf Acacia	2	1.5		0.0003			Natural	1
84	Ear-leaf Acacia	3	1.9		0.0008			Natural	1
85	Ear-leaf Acacia	3	2		0.0009			Natural	1
86	Ear-leaf Acacia	3	2		0.0009			Natural	1
87	Ear-leaf Acacia	2	2		0.0004			Natural	1
88	Ear-leaf Acacia	2	1.4		0.0002			Natural	1
89	Ear-leaf Acacia	3	1		0.0004			Natural	1
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91	Ear-leaf Acacia	2	1.3		0.0002			Natural	1
92	Ear-leaf Acacia	2	1.7		0.0003			Natural	1
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94	Ear-leaf Acacia	3	1.8		0.0008			Natural	1
95	Ear-leaf Acacia	2	1.2		0.0002			Natural	1
96	Fabaceae Species	2	1		0.0002			Natural	1
97	Fabaceae Species	4	1.6		0.0013			Natural	1
98	Fabaceae Species	2	1		0.0002			Natural	1
99	Fabaceae Species	2	1.3		0.0002			Natural	1

100	lpil-lpil	3	1.7		0.0007		Natural	1
101	lpil-lpil	3	1.3		0.0006		Natural	1
102	lpil-lpil	2	1.8		0.0003		Natural	1
103	lpil-lpil	2	1.2		0.0002		Natural	1
104	lpil-lpil	2	1		0.0002		Natural	1
105	lpil-lpil	2	1		0.0002		Natural	1
106	lpil-lpil	3	1		0.0004		Natural	1
107	lpil-lpil	3	1		0.0004		Natural	1
108	Ear-leaf Acacia	2	1		0.0002		Natural	1
109	Ear-leaf Acacia	2	1.5		0.0003		Natural	1
110	Ear-leaf Acacia	3	1.9		0.0008		Natural	1
111	Ear-leaf Acacia	3	2		0.0009		Natural	1
112	Ear-leaf Acacia	3	2		0.0009		Natural	1
113	Ear-leaf Acacia	2	2		0.0004		Natural	1
114	Ear-leaf Acacia	2	1.4		0.0002		Natural	1
115	Ear-leaf Acacia	3	1		0.0004		Natural	1
116	Ear-leaf Acacia	2	1.7		0.0003		Natural	1
117	Ear-leaf Acacia	2	1.3		0.0002		Natural	1
118	Ear-leaf Acacia	2	1.7		0.0003		Natural	1
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121	Ear-leaf Acacia	2	1.2		0.0002		Natural	1
122	Ear-leaf Acacia	2	1		0.0002		Natural	1
123	Ear-leaf Acacia	4	1.6		0.0013		Natural	1
124	Ear-leaf Acacia	2	1		0.0002		Natural	1
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129	Ear-leaf Acacia	2	1.2		0.0002		Natural	1
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132	Ear-leaf Acacia	3	1		0.0004		Natural	1
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146	Ipil-Ipil	3	1.7		0.0007		Natural	1
147	Ipil-Ipil	3	1.3		0.0006		Natural	1
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152	Ipil-Ipil	3	1		0.0004		Natural	1
153	Ipil-Ipil	3	1		0.0004		Natural	1
154	Ipil-Ipil	2	1		0.0002		Natural	1
155	Ipil-Ipil	2	1.3		0.0002		Natural	1

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157	lpl-l-pl	3	1.3		0.0006		Natural	1
158	lpl-l-pl	2	1.8		0.0003		Natural	1
159	lpl-l-pl	2	1.2		0.0002		Natural	1
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161	lpl-l-pl	2	1		0.0002		Natural	1
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163	lpl-l-pl	3	1		0.0004		Natural	1
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175	Ear-leaf Acacia	3	1.3		0.0006		Natural	1
176	Ear-leaf Acacia	3	1.8		0.0008		Natural	1
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178	Ear-leaf Acacia	2	1		0.0002		Natural	1
179	Ear-leaf Acacia	4	1.6		0.0013		Natural	1
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187	Ear-leaf Acacia	2	1		0.0002			Natural	1
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203	Ipil-Ipil	2	1.2		0.0002			Natural	1
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207	Ipil-Ipil	2	1.3		0.0002			Natural	1
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212	Ear-Leaf Acacia	2	1		0.0002			Natural	1
213	Ear-Leaf Acacia	2	1		0.0002			Natural	1
214	Ear-Leaf Acacia	3	1		0.0004			Natural	1
215	Ear-Leaf Acacia	3	1		0.0004			Natural	1
216	Ear-Leaf Acacia	2	1		0.0002			Natural	1
217	Ear-Leaf Acacia	2	1.5		0.0003			Natural	1
0.0917									

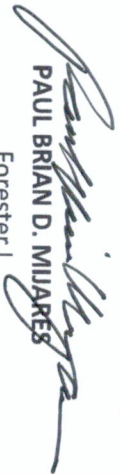
*Location (geographical coordinates) of the effected trees for government project (eg. DPWH, NGCP, Energy. Etc), Mining, P/SPLTP, etc, is requested to be recorded and serve as basis in charting the effected tree/saplings.

Inventoried by:


RANDY N. ESTRELLA
Forest Ranger


MARY ROSE L. BORREO
Forester I

Noted by:


PAUL BRIAN D. MUIARES
Forester I

STEM QUALITY:

- Code 1 Straight, cylindrical tree without visible defects or damage
- Code 2 Tree with little defects or damage
- Tree with several defects or damage.

✓



Geo-tagged photos taken during inspection and verification of trees affected by future developments within balogo port, Brgy. Balogo, Sta. Cruz, Marinduque

[Handwritten signature]



Department of Environment and Natural Resources
GPS Time: Sep 7, 2023, 08:45 AM
Latitude: 13.503700
Longitude: 122.043175



Department of Environment and Natural Resources
GPS Time: Sep 7, 2023, 08:44 AM
Latitude: 13.503700
Longitude: 122.043180



**Geo-tagged photos taken during inspection and verification of trees
affected by future developments within balogo port, Brgy. Balogo, Sta.
Cruz, Marinduque**

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Department of Environment and Natural Resources
GPS Time: Sep 1, 2023, 08:45 AM
Latitude: 13.503372
Longitude: 122.045207



Department of Environment and Natural Resources
GPS Time: Sep 1, 2023, 08:45 AM
Latitude: 13.503372
Longitude: 122.045207



**Geo-tagged photos taken during inspection and verification of trees
affected by future developments within balogo port, Brgy. Balogo, Sta.
Cruz, Marinduque**

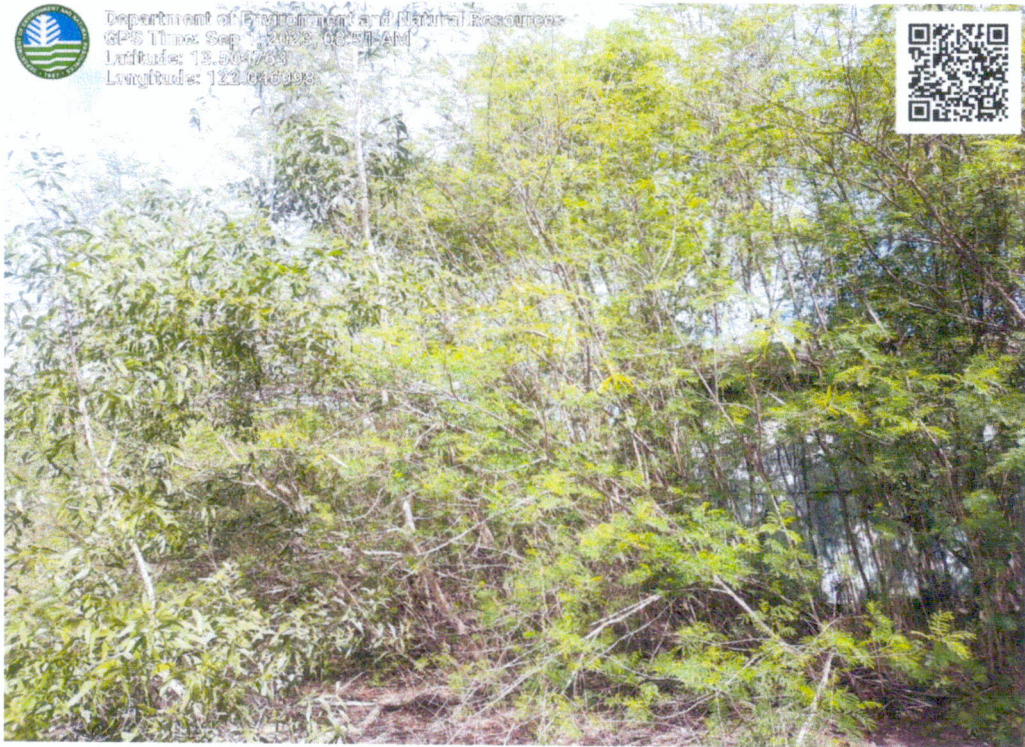
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Department of Environment and Natural Resources
GPS Time: Sep 1, 2023, 08:45 AM
Latitude: 13.504604
Longitude: 122.043391



Department of Environment and Natural Resources
GPS Time: Sep 1, 2023, 08:45 AM
Latitude: 13.504604
Longitude: 122.043391



**Geo-tagged photos taken during inspection and verification of trees
affected by future developments within balogo port, Brgy. Balogo, Sta.
Cruz, Marinduque**

J 8



Geo-tagged photos taken during inspection and verification of trees affected by future developments within balogo port, Brgy. Balogo, Sta. Cruz, Marinduque

J 8



Geo-tagged photos taken during inspection and verification of trees affected by future developments within balogo port, Brgy. Balogo, Sta. Cruz, Marinduque

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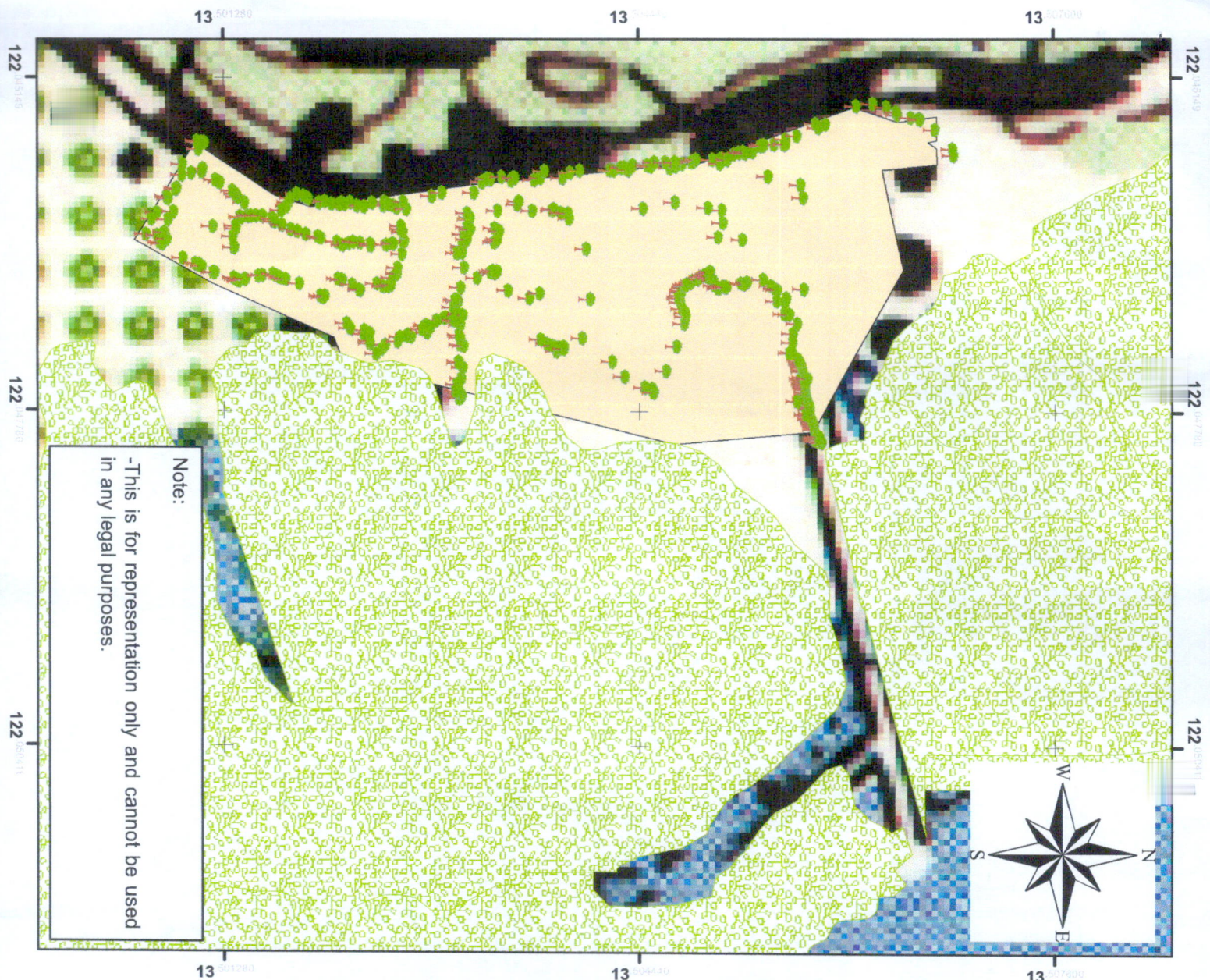
Geo-tagged photos taken during inspection and verification of trees affected by future developments within balogo port, Brgy. Balogo, Sta. Cruz, Marinduque

JS



**Geo-tagged photos taken during inspection and verification of trees
affected by future developments within balogo port, Brgy. Balogo, Sta.
Cruz, Marinduque**

8



Republic of the Philippines
Department of Environment and Natural Resources
Provincial Environment and Natural Resources Office
Boac, Marinduque

LOCATION MAP SHOWING THE CURRENT VEGETATION PRESENT WITHIN BALOGO PORT, STA. CRUZ, PROVINCE OF MARINDUQUE



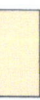
1 centimeter = 50 meters

Location

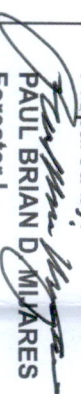
Brgy. Balogo, Sta. Cruz, Marinduque

Projection: Universal Traverse Mercator
Datum: WGS 1984
Coordinate System: WGS 1984 UTM Zone 51 (N)

Legend

-  Geotagged
-  Mangrove Areas
-  5836

Prepared by:


PAUL BRIAN D. MUIRES
Forester I

Reviewed by:

ENGR. CYNTHIA U. LOZANO
Chief, TSD