

**UNDERSEA FEATURE NAME PROPOSAL**  
(See IHO-IOC Publication B-6 and **NOTE** overleaf)

Note: The boxes will expand as you fill the form.

<b>Name Proposed:</b>	Malabatino Hill	<b>Ocean or Sea:</b>	Philippine Sea
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<b>Geometry</b> that best defines the feature (Yes/No):						
Point	Line	Polygon	Multiple points	Multiple lines*	Multiple polygons*	Combination of geometries*
Yes		Yes				

\* Geometry should be clearly distinguished when providing the coordinates below.

	Lat. (e.g. 63°32.6'N)		Long. (e.g. 046°21.3'W)	
<b>Coordinates:</b>	16° 40.7'N	(summit)	124° 54.1'E	(summit)
	16° 41.4'N	(bottom)	124° 54.4'E	(bottom)
	16° 40.7'N		124° 54.8'E	
	16° 39.9'N		124° 54.6'E	
	16° 39.7'N		124° 54.4'E	
	16° 39.6'N		124° 53.6'E	
	16° 39.8'N		124° 53.3'E	
	16° 40.2'N		124° 53.3'E	
	16° 40.3'N		124° 53.5'E	
	16° 40.7'N		124° 53.4'E	
	16° 41.4'N		124° 53.7'E	
16° 41.4'N	(bottom)	124° 54.4'E	(bottom)	

<b>Feature Description:</b>	Maximum Depth:	2853.28 m	Steepness:	~10.61°
	Minimum Depth:	2359.03 m	Shape:	Seed shape
	Total Relief:	495.25 m	Dimension/Size:	2962.31 m x 3297.91 m

<b>Associated Features:</b>	Philippine Rise (Benham Rise)
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<b>Chart/Map References:</b>	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	Chart 4726A
	Within Area of Map/Chart:	Chart 4726A

<b>Reason for Choice of Name</b> (if a person, state how associated with the feature to be named):	<i>Malabatino</i> is a small- to medium-sized tree that is endemic in primary forests at low and medium altitudes of the Philippines. It is medicinal and commonly used to treat body swelling.
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<b>Discovery Facts:</b>	Discovery Date:	September 4, 2008
	Discoverer (Individual, Ship):	NAMRIA

<b>Supporting Survey Data, including Track Controls:</b>	Date of Survey:	September 4, 2008
	Survey Ship:	BRP HYDROGRAPHER PRESBITERO
	Sounding Equipment:	Seabeam 2112
	Type of Navigation:	GPS with IMU

	Estimated Horizontal Accuracy, in nautical miles (M):	50 m (0.027)
	Survey Track Spacing:	4000 m (2.16)
	Supporting material can be submitted as Annex in analog or digital form.	

<b>Proposer(s):</b>	Name(s):	Usec. PETER N. TIANGCO, PhD
	Date:	May 2019
	E-mail:	pntiangco@namria.gov.ph
	Organization and Address:	National Mapping and Resource Information Authority (NAMRIA) Lawton Avenue, Fort Andres Bonifacio, Taguig City, Philippines 1634
	Concurrer (name, e-mail, organization and address):	Department of National Defense (DND) and Department of Foreign Affairs (DFA)

<b>Remarks:</b>	The proposal was prepared by the Technical Working Group on Undersea Feature Names of the Hydrography Branch of NAMRIA, in cooperation with the National Institute of Geological Sciences – University of the Philippines and Mines and Geosciences Bureau.
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**NOTE:** This form should be forwarded, when completed:

- a) **If the undersea feature is located inside the external limit of the territorial sea:**  
- to your "National Authority for Approval of Undersea Feature Names" (see Publication B-6) or, if this does not exist or is not known, either to the IHO or to the IOC (see addresses below);
- b) **If at least 50 % of the undersea feature is located outside the external limits of the territorial sea:**  
- to the IHO or to the IOC, at the following addresses :

International Hydrographic Organization (IHO) 4b, Quai Antoine 1er B.P. 445 MC 98011 MONACO CEDEX Principality of MONACO Fax: +377 93 10 81 40 E-mail: <a href="mailto:info@iho.int">info@iho.int</a> Web: <a href="http://www.iho.int">www.iho.int</a>	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: <a href="mailto:info@unesco.org">info@unesco.org</a> Web: <a href="http://ioc-unesco.org/">http://ioc-unesco.org/</a>
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Attachments

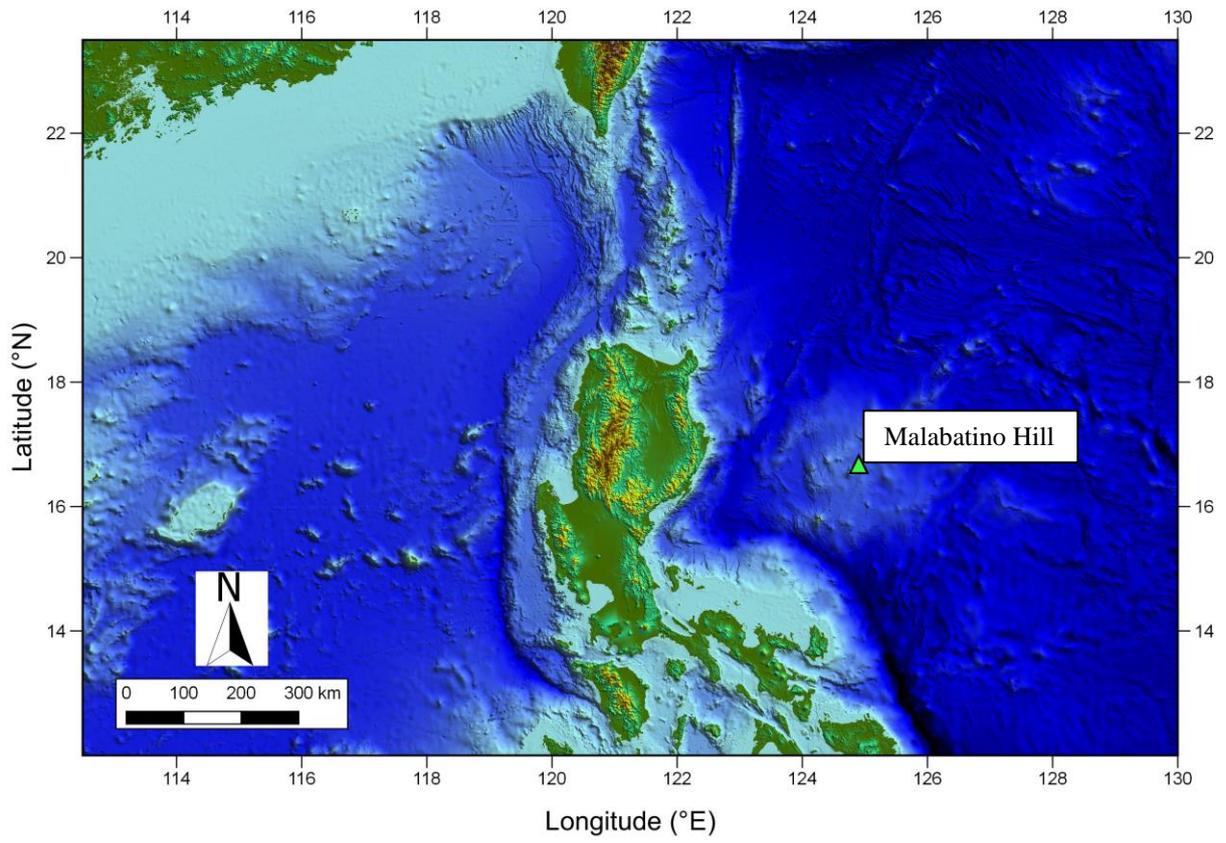


Figure 1. Index map showing the location of Malabatino Hill.

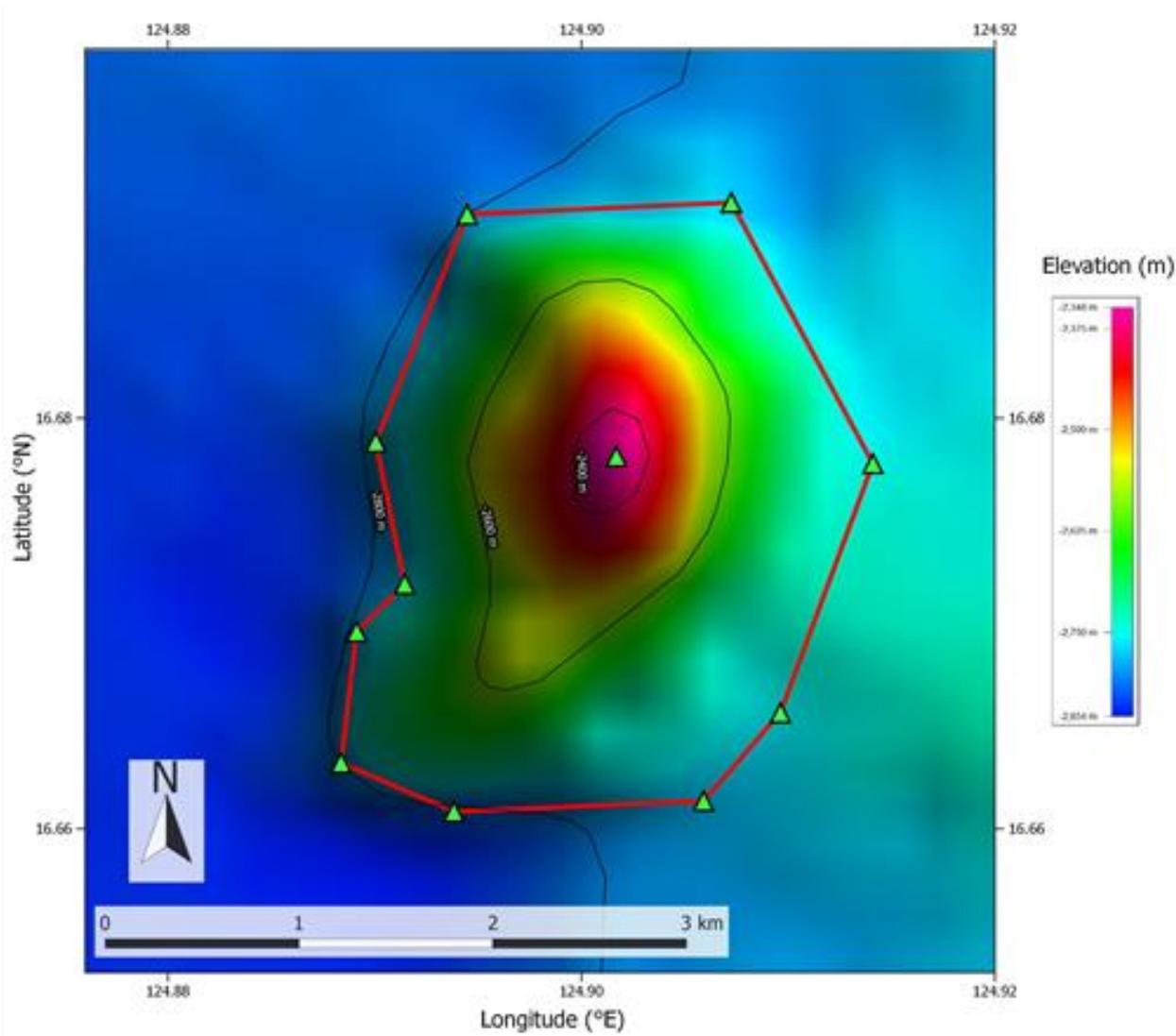


Figure 2. Bathymetric map of the Malabatino Hill. Contour interval is 200 meters.

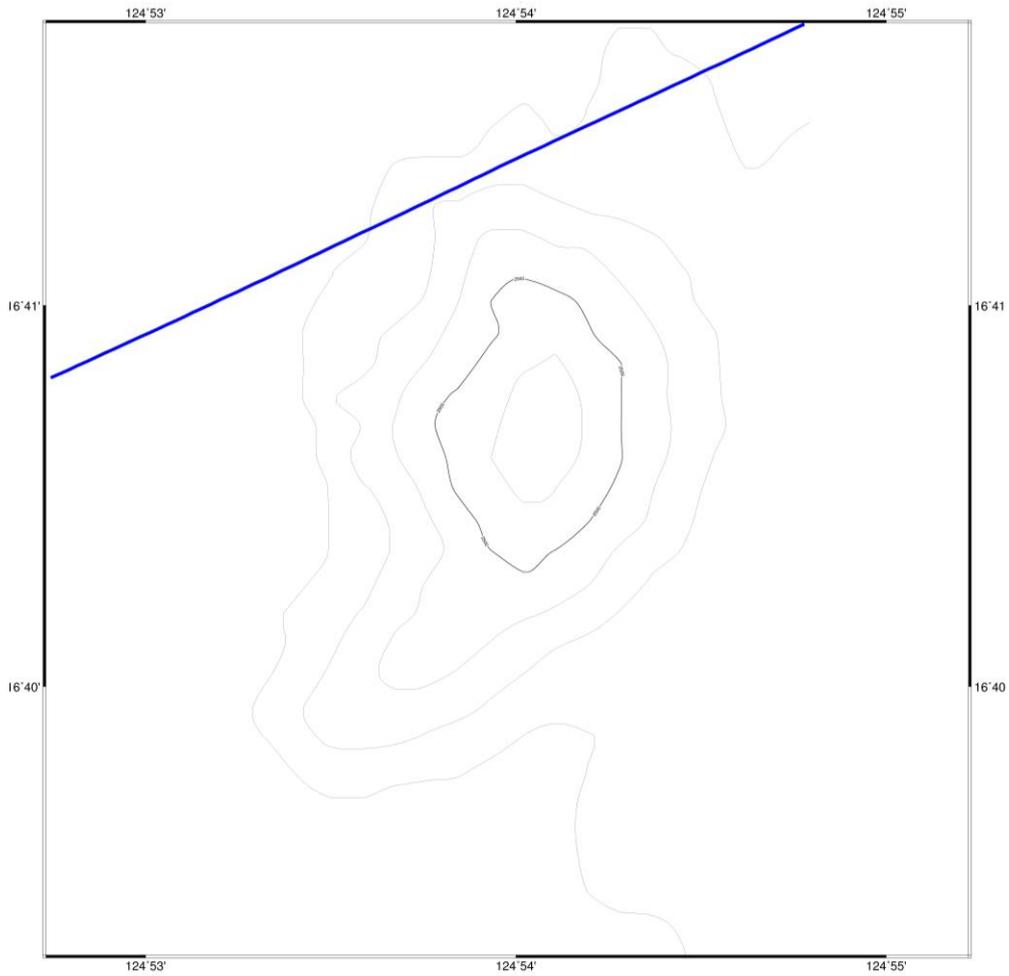


Figure 3. Bathymetric map of Malabatino Hill showing track lines.

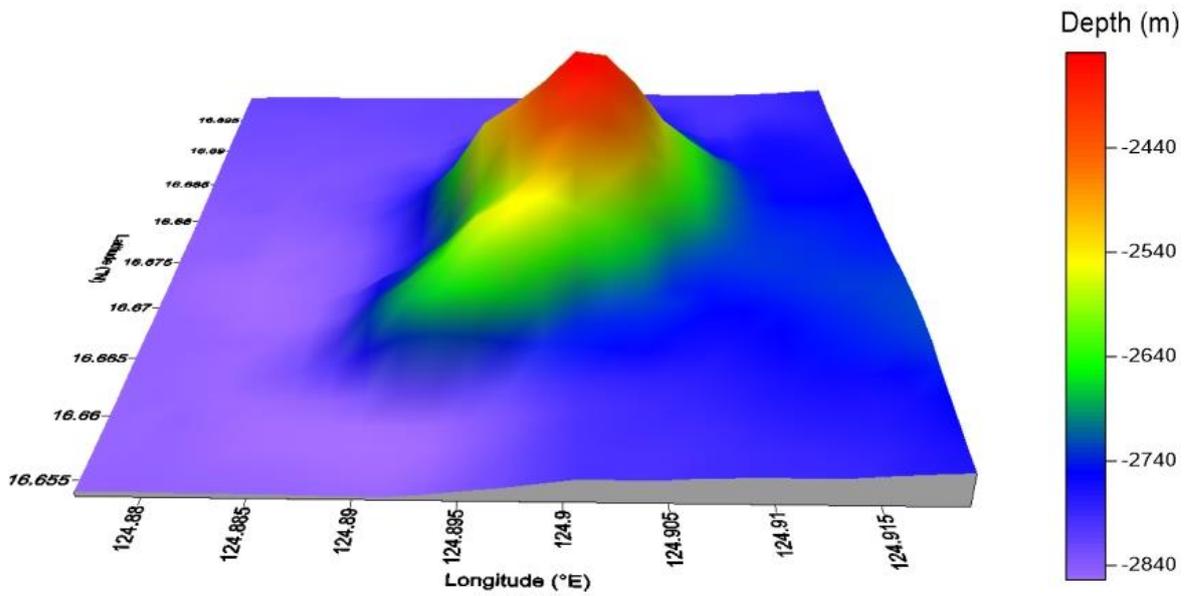


Figure 4. 3D bathymetric map of the Malabatino Hill. View looking north.

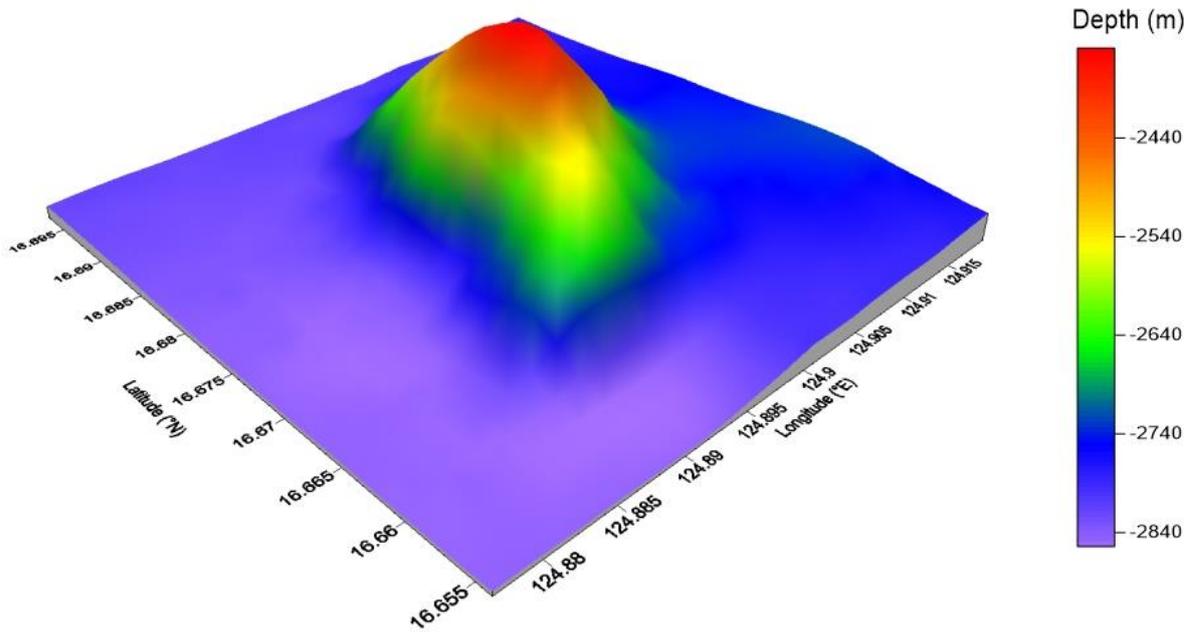


Figure 5. 3D bathymetric map of the Malabatino Hill. View looking northeast.

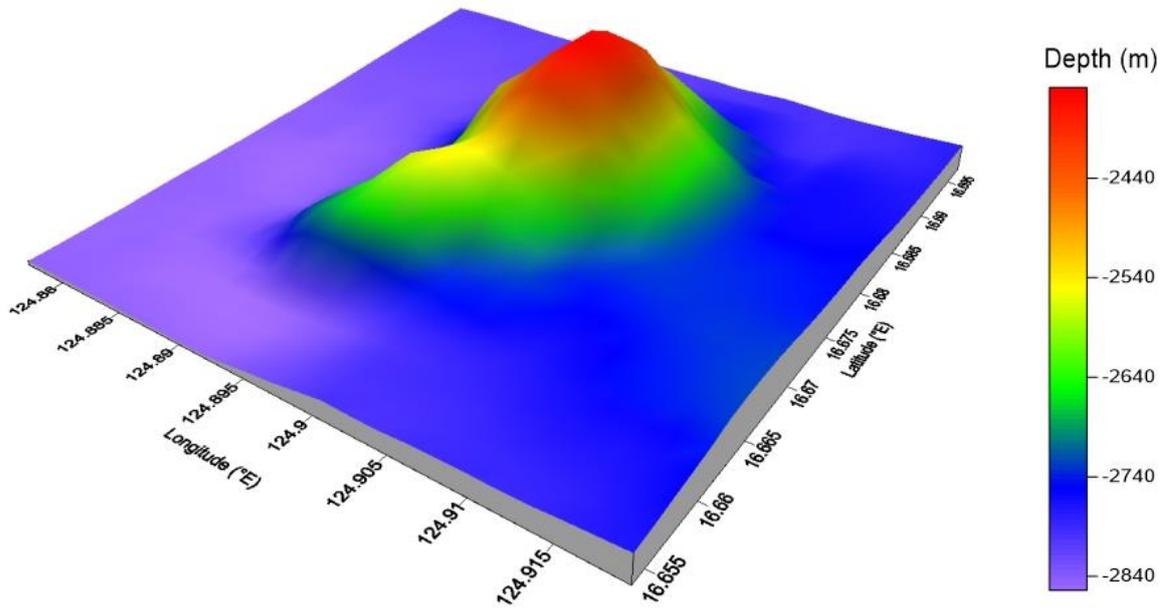


Figure 6. 3D bathymetric map of the Malabatino Hill. View looking northwest.

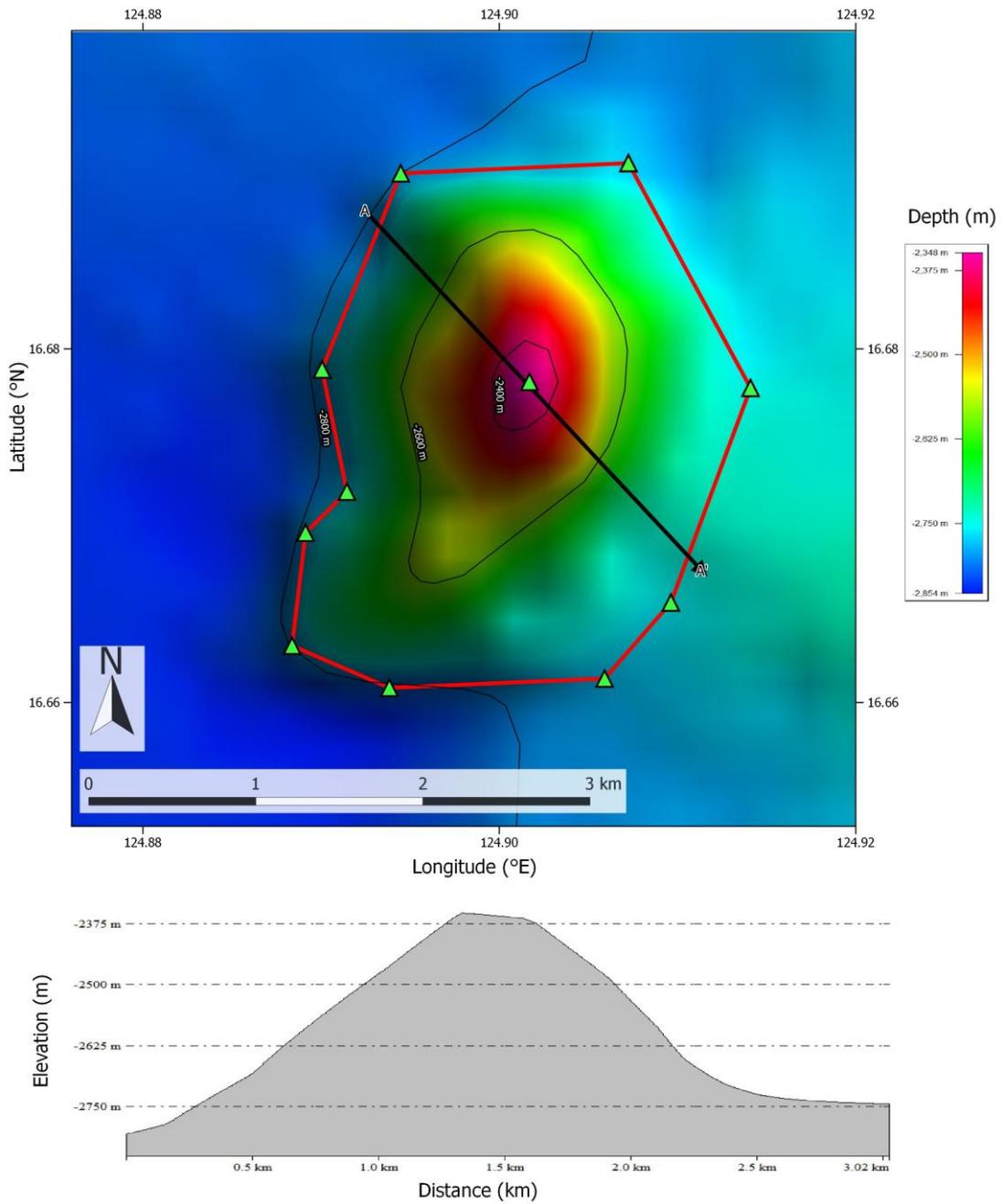


Figure 7. Profile of Malabatino Hill from the NW to SE edges (A-A').