

International Hydrographic Organization	Intergovernmental Oceanographic Commission
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Naming Proposal Form of Undersea Features on the International Seabed

Note: The form unit can be expanded when filling out this form.

To be named	Xiantao Hill	Located Ocean	East Pacific Ocean
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The geometry that best delimits the undersea features(Y/N)						
Point	Line	Polygon	Multi-points	Multi-lines*	Multiple polygons	Multiple geometric combinations
		Y				

* The geometry should be clearly reflected when the following coordinates are provided.

	Latitude (e.g. 63°32.6'N)	Longitude (e.g. 046°21.3'W)
Coordinates	09°14.4'N(Vertex)	156°50.5'W(Vertex)
	09°16.4'N (Bottom)	156°51.1'W (Bottom)
	09°16.6'N	156°50.7'W
	09°16.4'N	156°50.3'W
	09°16.0'N	156°49.8'W
	09°15.6'N	156°49.3'W
	09°15.1'N	156°48.9'W
	09°14.4'N	156°48.9'W
	09°13.8'N	156°49.0'W
	09°13.4'N	156°49.4'W
	09°13.2'N	156°49.9'W
	09°13.3'N	156°50.5'W
	09°13.0'N	156°51.3'W
	09°13.1'N	156°52.1'W
	09°13.6'N	156°52.5'W
	09°14.2'N	156°52.6'W
	09°14.8'N	156°52.3'W
	09°15.4'N	156°51.9'W
	09°15.9'N	156°51.5'W
	09°16.4'N(Bottom)	156°51.1'W(Bottom)

Description of Undersea Features	Maximum water depth	5141m	Slope	
	Minimum water depth	4541m	Shape	
	Height	600m	Scale	5km×5km

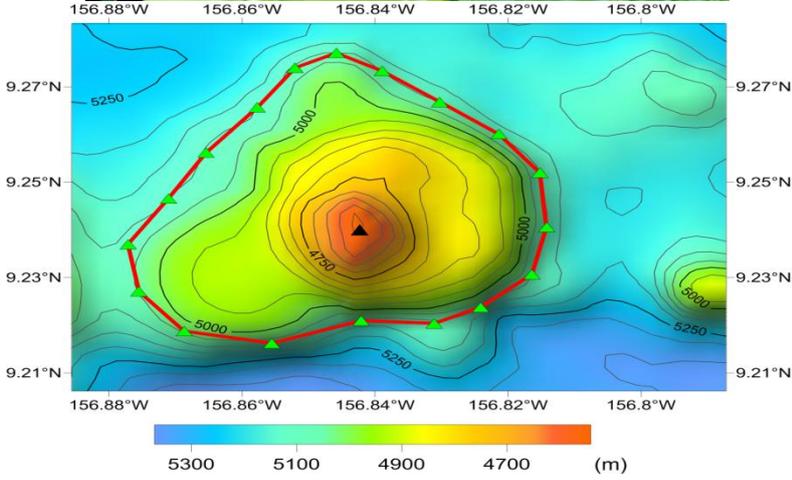
Description of Related Undersea Features	Xiantao Hill is located about 251 km southwest of Daxitong Knoll, with an overlooking shape of peach.
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Reference Chart/Map	Chart/Map labeled with the named undersea feature	
	Chart/Map labeled with the unnamed undersea feature	GEBCO 5.07
	Chart/Map labeled with area of the undersea feature	

The shape of this hill is like a peach. Therefore we name it as Xiantao Hill.



Reason for choosing the name (if it is a person's name, the relationship with the entity to be named should be stated):



Facts of Discovery	Discovery date	Sept. to Nov., 2017
	Discoverer (individual, vessel)	Xiangyanghong06, Chinese scientific research ship

Obtained Survey Data Supporting for This Discovery, Including Line Control:	Survey date	Sept. to Nov., 2017
	Survey vessel	Xiangyanghong06, Chinese scientific research ship
	Sounding equipment	Multibeam sounding system (EM122)
	Navigation type	GPS
	Estimated horizontal accuracy (nautical miles)	≤0.08 nm

	Line spacing (nautical mile)	5nm
	Support materials can be submitted as attachments in mock or digital form: see attachment	

NamingProposer	Name	China Minmetals Corporation
	Date	April 8, 2018
	E-mail:	support@minmetals.com
	Unit and address	Block A, Minmetals Plaza, No. 3 Chaoyangmen North Street, Dongcheng District, Beijing

Remarks	<p>This proposal has been reviewed and approved by China Subcommittee on Undersea Feature Names (CCUFN).</p> <p>No.64 Fuchengmennei Street, Xicheng District, Beijing, China, 100812</p> <p>heyunxu@sina.com</p>	
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附图

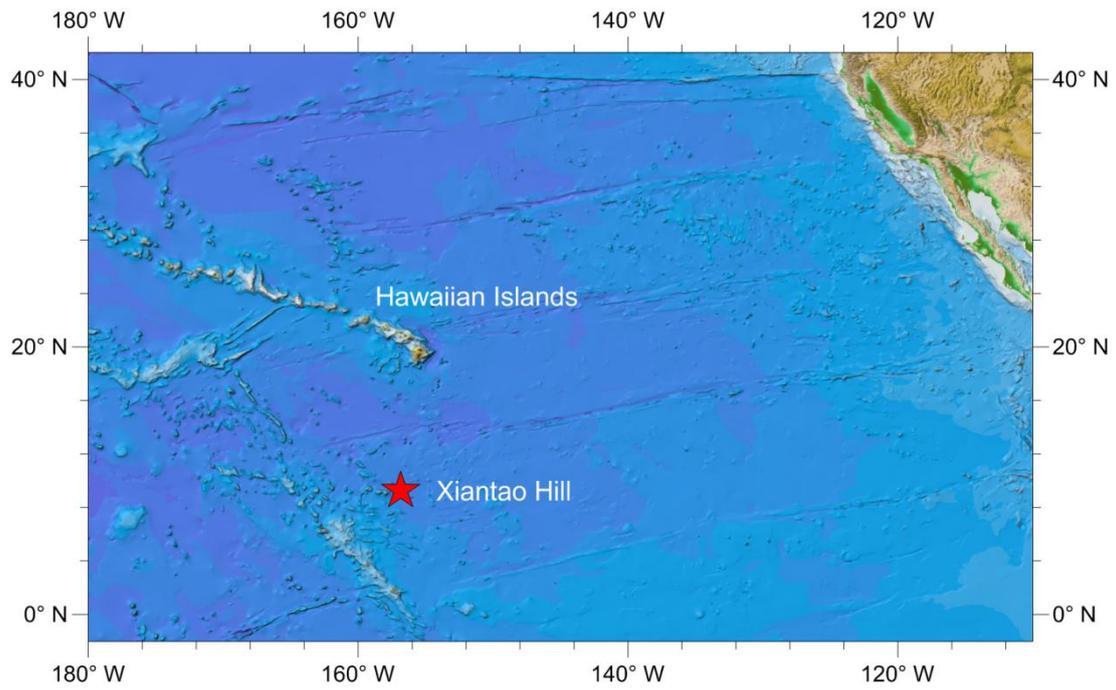


Fig.1 Xiantao Hill location index map

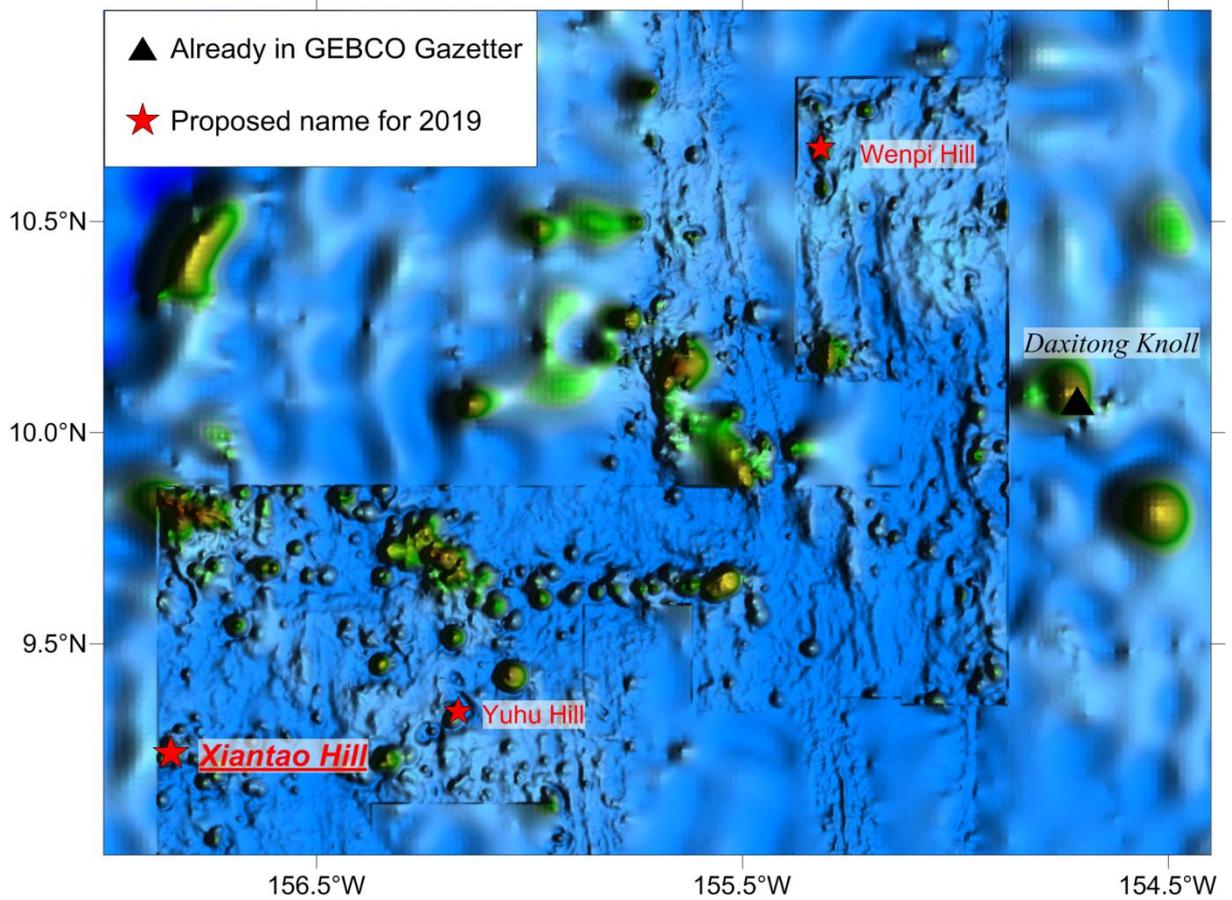


Fig.2 Regional bathymetry map with nearby features of Xiantao Hill

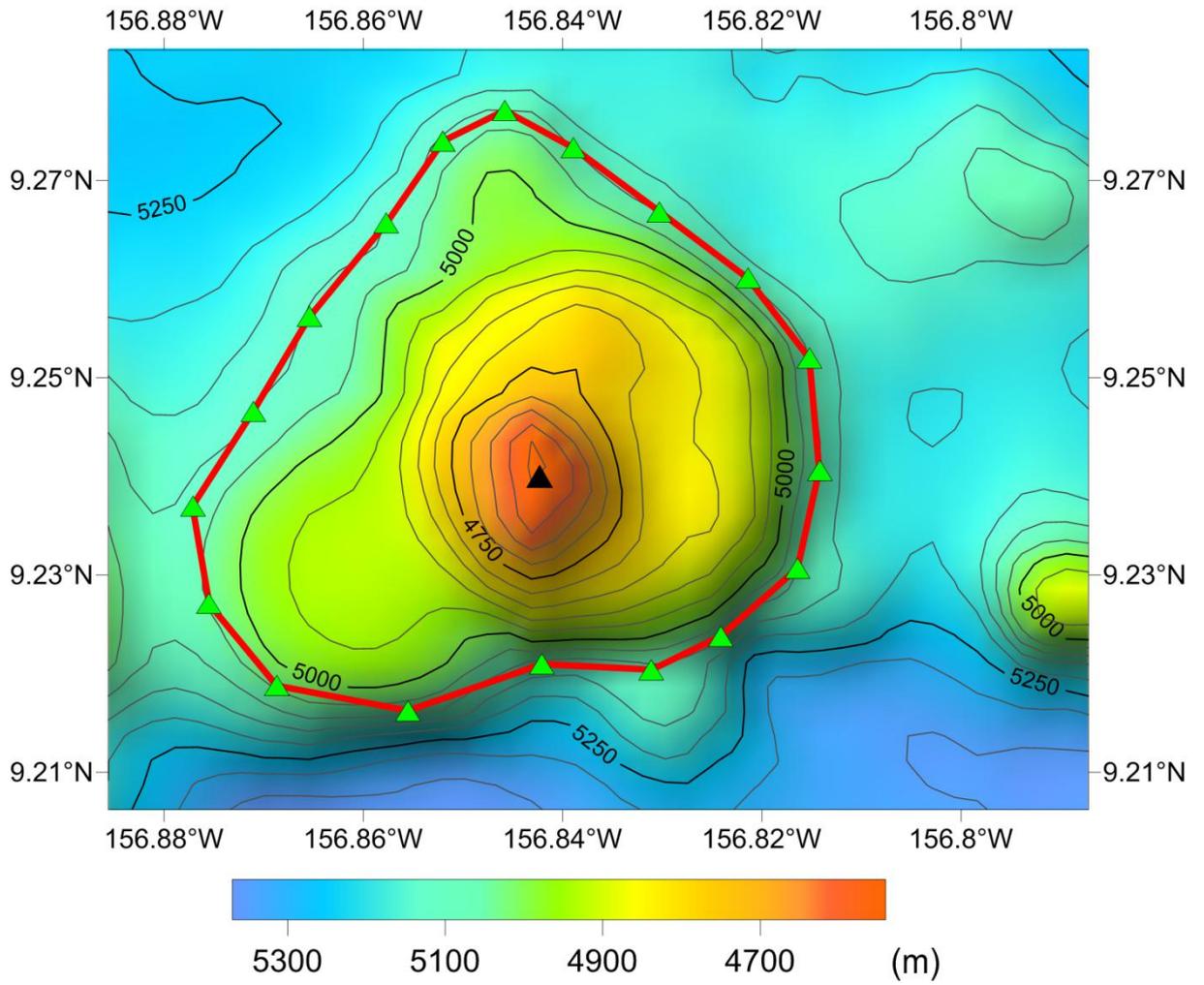


Fig.3 Xiantao Hill topographic map (isobathline spacing of 50m)

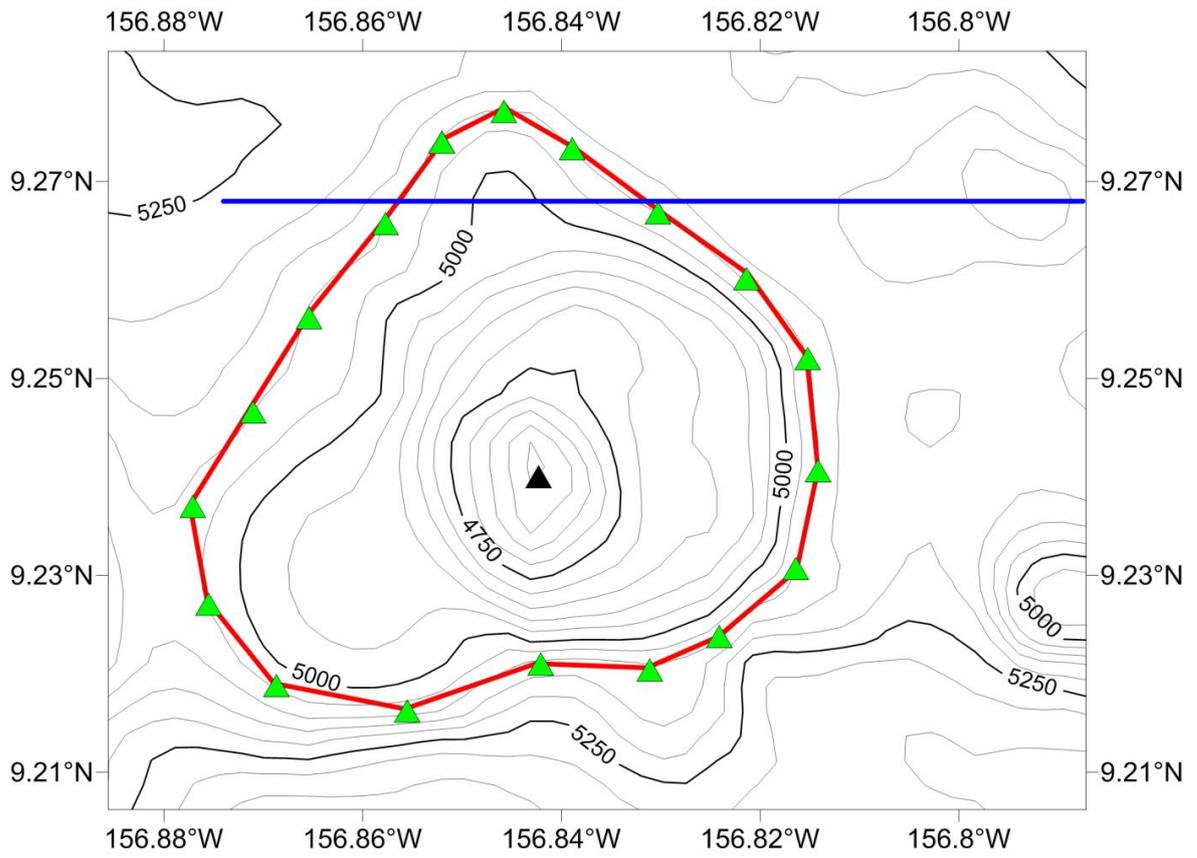


Fig.4 Xiantao Hill isobath line and survey line map (the isobath line spacing is 50m, the blue line is the survey line)

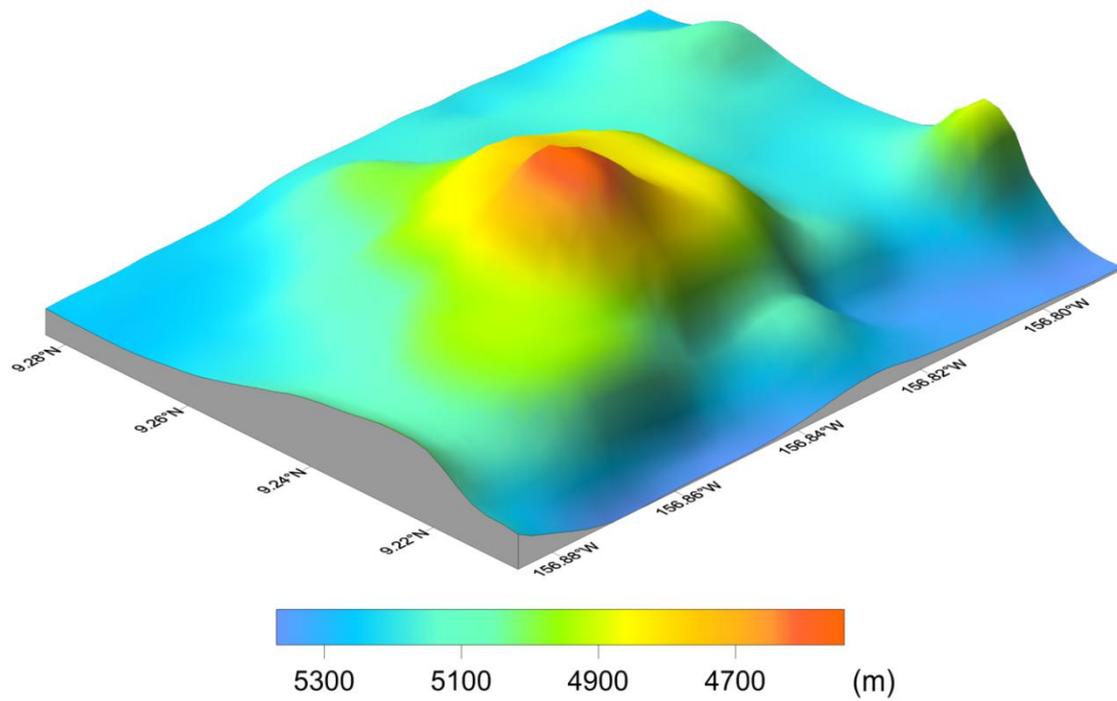


Fig.5 Three-dimensional topographic map of Xiantao Hill

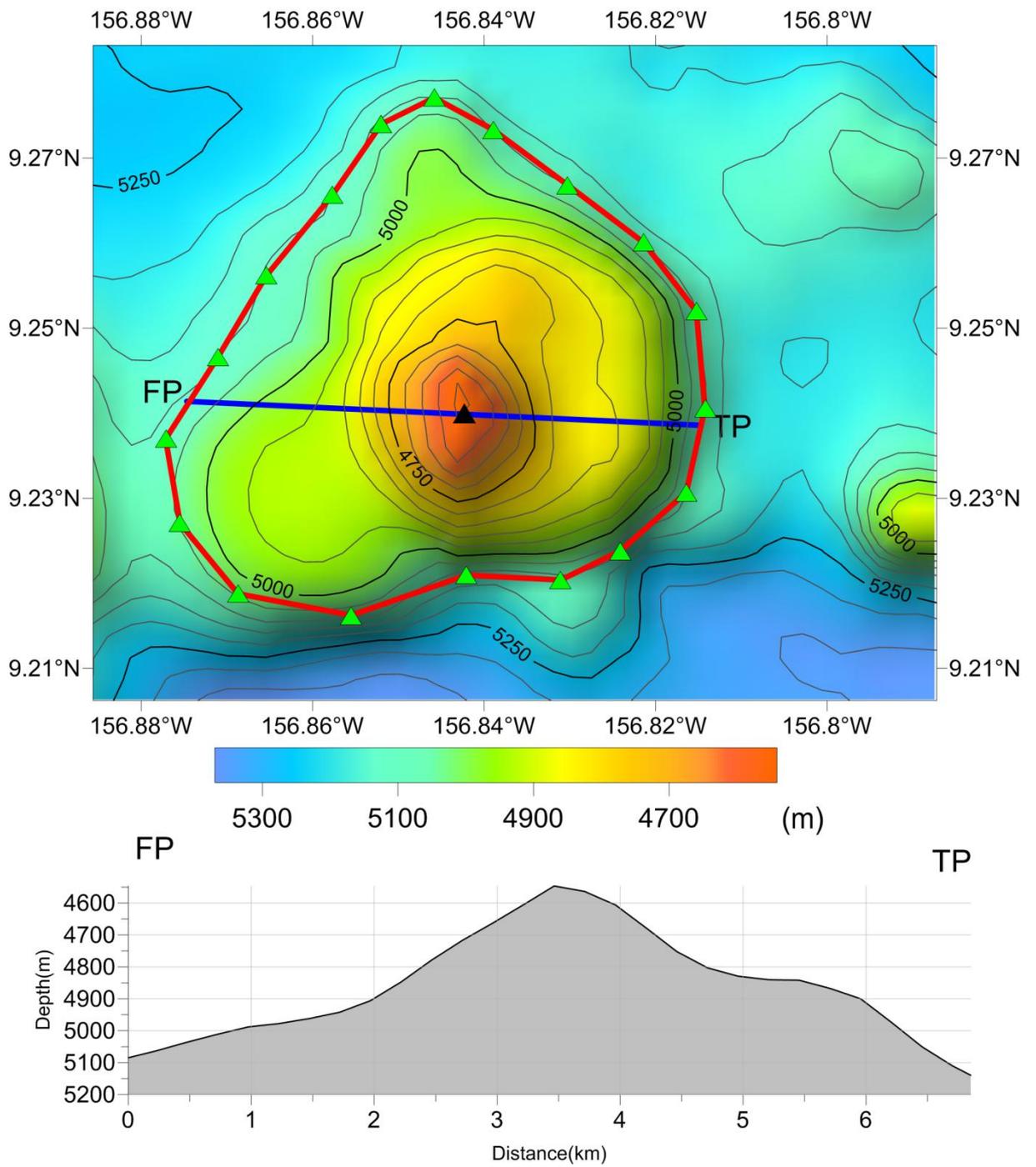


Fig.6 Terrain profile of Xiantao Hill