

Potential Explosive Magazine Sites ARUP

Potential Explosive Magazine Sites for NOL:

1. Tai Shu Ha Road West
2. So Kwun Wat
3. Sha Tin Cavern Magazine Site
4. Ngau Kwu Leng Trail
5. Firing Range
6. NOL Ngau Tam Mei Stabling Slidings

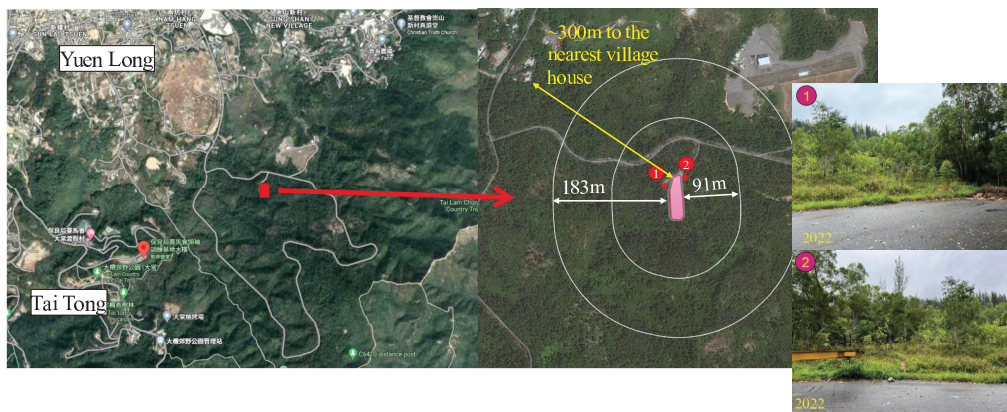


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Site No.	Site Name	External Separation Distances	Access for Mines Delivery Vehicles	Site Constraints	Land Availability
1	Ta Shu Ha Road West	Good for 400kg storage capacity per magazine (Total 800kg capacity as per MTR Express Rail Link and CEDD Liantang Projects)	Good, previous magazine site for MTR Express Rail Link and CEDD Liantang Projects, magazine site is between unloading explosive point and blasting sites.	None, previously used as a magazine site for MTR and CEDD projects.	Within Conservation Area (CA) zone.
2	So Kwun Wat	Good for 300kg storage capacity per magazine,	Good, previous magazine site for MTR Express Rail Link Project, magazine site is between unloading explosive point and blasting site.	None, previously used as a magazine site for MTR project.	Unknown, site may be scheduled for development as housing.
3	Sha Tin Cavern Magazine Site	Good for 500kg storage capacity per magazine,	Long delivery route required,	None, currently used as a magazine site by DSD.	Currently allocated to DSD for Sha Tin Cavern Project.
4	Ngau Kwu Leng Trail	Remote location, no nearby buildings.	Access road does not meet required safety standard. Very extensive upgrading would be required.	Site formation works and access road are required to be constructed.	Green belt.
5	Firing Range	Remote location, no nearby buildings.	Very poor. Long narrow single track road.	Restricted area.	Occupied by PLA and land is not available.
6	NOL Ngau Tam Mei Stabling Slidings	May only meet the required safety clearance distance for very small storage quantity. Any temporary buildings such as site office could not be within ~100m of magazine site.	Good, fixed access road within NOL works area required to be provided.	A min. 10m no construction activity zone has been delineated from the fence of the explosives magazine.	Within project site boundary.

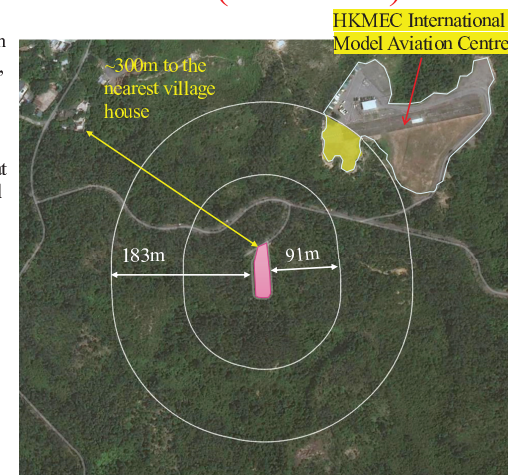
Proposed Magazine Site at Tai Shu Ha (Site No.1) ARUP

According to the latest design, the proposed magazine site may be located at Tai Shu Ha, subject to further coordination with PlanD, LandsD and CEDD Mines Division.



Proposed Magazine Site at Tai Shu Ha (Site No.1) ARUP

- No residential buildings or major roads within 183m
- Only HKMEC International Model Aviation Centre, access roads to magazine site and HKMEC International Model Aviation Centre within 183m
- HKMEC International Model Aviation Centre is mainly open area, the major use and structures are at the north while the area within 183m is only a small part of open area



Proposed Magazine Site at Tai Shui Ha (Site No.1) ARUP

Only access roads of magazine site and HKMEC within the 70m influence zone

No initial building of major roads within the HKMEC within the 70m influence zone

