

Progress of Archaeological Licences Issued between 2012 and 2016 (as at 15 November 2016)

Ref.	Licensee	Project	Progress
1) AAB/43/2011-12 2) AAB/20/2013-14 3) AAB/31/2013-14 4) AAB/5/2015-16	Dr Liu Wensuo (劉文鎖博士)	<p>To conduct the following archaeological works under the four licences at Sacred Hill (North) area for the construction of the To Kwa Wan Station for the Shatin-to-Central Link (SCL) project.</p> <p>1) Archaeological survey-cum-excavation at Sacred Hill (North) required under the Environmental Impact Assessment (EIA) Ordinance (Cap. 499).</p> <p>Web link of the relevant chapter of the EIA report:</p> <ul style="list-style-type: none">• http://www.epd.gov.hk/eia/register/report/eia_report/eia_2002011/EIA/pdf/25445_Section %204_Cultural_Heritage.pdf	<p>1) Archaeological survey-cum-excavation</p> <p>The archaeological survey-cum-excavation was completed in December 2013.</p> <p>Cultural deposits dated to the early 20th century, late Qing dynasty to the Republican period as well as Song and Yuan dynasties were unearthed. The Song-Yuan deposits included coins, ceramics, burials, wells, kilns and remnants of buildings, etc.</p> <p>Four briefs regarding the archaeological discoveries were circulated to Members of the Board on 11 December 2012, 27 March 2013, 24 September 2013 and 22 November 2013 respectively. A site visit was also arranged for Members to see the</p>

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		<p>2) Archaeological Watching Brief (AWB) at the proposed launching shaft area due to the discovery of about 500 coins mainly dated to the Song dynasty during the construction works at the Sung Wong Toi works site in September 2013.</p>	<p>first square-shaped well unearthed in Hong Kong on 27 November 2013.</p> <p>The interim report has been uploaded onto the website of the Antiquities and Monuments Office (AMO) at:</p> <ul style="list-style-type: none"> • http://www.amo.gov.hk/form/Interim%20Report.pdf <p>2) AWB at the proposed launching shaft area</p> <p>The AWB commenced in December 2013.</p> <p>Remains of living features dated to Song-Yuan period were discovered in the area. The remnants of features include compact surface, wall structures, a water disperser, garbage deposits, drainage structures, a well, pits with wooden structures, etc.</p> <p>Two briefs on the progress and discoveries of the archaeological work were circulated to Members on 23 April 2014 and 15 May 2014. A site visit for Members was arranged on 2 May 2014.</p>

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			<p>A further brief on MTR Corporation Limited (MTRCL)'s sheet piling proposal for the protection of the T1 Area was circulated to Members on 15 May 2014, followed by two briefings on 15 May 2014 and 24 June 2014, as well as a special meeting on 29 May 2014 to brief Members on the details.</p> <p>Installation of sheet piling for the T1 Area commenced on 25 June 2014 and was completed on 17 July 2014 under the monitoring of the relevant government departments, MTRCL and the licensed archaeologist. Members also inspected the sheet piling works during the site visit on 21 July 2014.</p> <p>Archaeological features, such as the well and building foundations, were backfilled and the areas in-between were filled up with sand bags for protection.</p> <p>A special Board meeting on the conservation plan for the archaeological features discovered at the To Kwa Wan Station works site (including those discovered in the launching shaft area) was</p>

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		<p>3) AWB at the open cut area due to the significant archaeological findings of Song-Yuan period in the launching shaft area.</p>	<p>held on 20 November 2014. At the Board meeting on 4 December 2014, it was agreed that the archaeological features unearthed at the T1 Area including Well J1 and the building foundation would be preserved <i>in-situ</i>.</p> <p>3) AWB at the open cut area</p> <p>The AWB commenced in April 2014.</p> <p>The progress of the archaeological work was reported to Members at a special Board meeting on 29 May 2014, and the Board meetings on 4 June 2014 and 16 September 2014.</p> <p>Five briefs on the progress and discoveries of the archaeological work were circulated to Members on 12 June 2014, 15 July 2014, 18 August 2014, 15 September 2014 and 15 October 2014 respectively. A site visit was arranged on 21 July 2014 to update Members on the latest findings.</p> <p>Archaeological deposits in relation to the living features already identified in the T1</p>

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			<p>Area were also unearthed at the ventilation area and the Adit C area. Other archaeological features include remnants of other building structures, a water channel of the early 20th century, a brickwork structure, a well of late Qing period, a pit with wooden structure, etc. Boundary of the former Sacred Hill and the nullah built during the Japanese Occupation were also identified.</p> <p>Fieldwork was completed in September 2014. Find-processing is being conducted and the final report is under preparation.</p> <p>On 20 November 2014, a special Board meeting was held to discuss the conservation plan for the archaeological features discovered during the AWB at the launching shaft and open cut areas of the To Kwa Wan Station works site. Subsequently, a site visit for Members was arranged on 26 November 2014. At the Board meeting on 4 December 2014, it was agreed that most of the above-mentioned archaeological features including the living features at the ventilation shaft and Adit C areas would be preserved <i>in-situ</i>; while</p>

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		<p>4) Backfilling as part of conservation measures for the archaeological features unearthed and archaeological work for tentative small-scale excavation works.</p>	<p>Well J2 and the associated water channel would be dissembled by hand for future reconstruction. A brief on the conservation plan for the archaeological features discovered at the construction works area of the To Kwa Wan Station was issued to Members on 17 December 2014.</p> <p>The dismantling works of Well J2 and its water channel were completed in March 2015.</p> <p>The draft final report comprising four volumes to present the findings of the archaeological excavations conducted under the three licences of projects (1) to (3) have been submitted to AMO for consideration. Comments of AMO on Volumes 1 and 2 of the draft final report were provided to the licensed archaeologist in September 2016 and October 2016 respectively.</p> <p>4) Backfilling and archaeological work</p> <p>The backfilling of archeological features to be preserved <i>in-situ</i> was completed in May</p>

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			<p>2015.</p> <p>As no construction works have been conducted in the area of archaeological potential, archaeological work has not been conducted under this licence so far.</p>
AAB/43/2011-12	Mr Wang Fei (王飛先生)	To conduct an AWB to monitor the excavation works for the proposed holiday camp development at Pui O, Lantau Island. The implementation of the AWB is one of the approval conditions of the planning application (No. A/SLC/88) under section 16 of the Town Planning Ordinance (Cap. 131).	Fieldwork was completed in September 2013. No archaeological remain was identified. The final report was completed in October 2016.
AAB/6/2013-14	Mr Wang Hong (王宏先生)	<p>To conduct an archaeological survey-cum-excavation at the former Tai Hom Village for the SCL project. The construction of the Diamond Hill Station and associated structures at the former Tai Hom Village initiated by MTRCL is a designated project under the EIA Ordinance. The EIA report approved in 2012 recommends the conducting of an archaeological survey-cum-excavation at the former Tai Hom Village prior to commencement of construction works.</p> <p>Web link of the relevant chapter of the EIA</p>	Fieldwork was completed in September 2013. No significant archaeological finding was discovered. The final report in draft format was submitted to AMO in April 2015. Comments of AMO on the draft report were provided to the licensed archaeologist in December 2015 and June 2016 respectively. The revised report was submitted to AMO in September 2016.

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		<p>report:</p> <ul style="list-style-type: none"> • http://www.epd.gov.hk/eia/register/report/eiareport/eia_2002011/EIA/pdf/25445_Section%204_Cultural_Heritage.pdf 	
AAB/14/2013-14	Dr William Jeffery	<p>To conduct a Marine Archaeological Investigation (MAI) of seabed off Town Island at Sai Kung, New Territories. The proposed MAI is a continuation of the Surveying and Documenting the Underwater Heritage of Hong Kong – Stage 1 research project led by the applicant and funded by the Lord Wilson Heritage Trust in 2009 and 2010. From the result of this project, a small bay off the Town Island was found to contain hundreds of ceramic artefacts. Some of them can be dated back to the mid-17th century. The MAI aims at carrying out an in-depth survey at the small bay to recover and document the artefacts there.</p>	<p>Fieldwork was completed in July 2014. No shipwreck was discovered. Ceramic sherds of Qing dynasty to the modern period were discovered. The report is under preparation.</p>
AAB/31/2013-14	Mr Wang Fei (王飛先生)	<p>To conduct an archaeological survey at Sha Tau Kok Road Section and Lau Shui Heung Tunnel Section as well as an AWB at Fanling Section for Liantang/Heung Yuen Wai Boundary Control Point and Associated Works Project, which is initiated by the Civil Engineering and Development Department (CEDD) and is a</p>	<p>Fieldwork was completed in June 2014. No significant archaeological remain was identified. The final report was completed in September 2016.</p>

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		designated project under the EIA Ordinance. The EIA report approved in 2011 recommends that further archaeological survey should be conducted at the works areas within the aforesaid sections to verify the EIA findings. Based on the Archaeological Action Plan (AAP) approved in 2014, an archaeological survey is recommended to be carried out at the works areas in Sha Tau Kok Road Section and Lau Shui Heung Tunnel Section; and an AWB for the works area in Fanling Section.	
AAB/38/2013-14	Ms Sarah Heaver	To conduct a MAI for the Planning and Engineering Study on Future Land Use at Ex-Lamma Quarry Area at Sok Kwu Wan, Lamma Island – Feasibility Study project, which is initiated by CEDD. It is a designated project under the EIA Ordinance. The geophysical survey of the project identified seabed anomalies to be affected by the proposed works. The MAI aims at verifying the nature of these anomalies and the result will form part of the EIA report.	Diver survey was completed in January 2015. No archaeological remain was identified. The MAI report is under preparation.
AAB/43/2013-14	Mr Steven Ng Wai Hung (吳偉鴻先生)	To conduct an archaeological survey for the Formation, Roads and Drains in Area 54, Tuen Mun – Phase 1 and Phase 2 project, which is initiated by CEDD. The EIA report of Planning and Development Study of Potential Housing	Fieldwork was completed in November 2015. No significant archaeological remain was identified. The final report is under preparation.

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		<p>Site in Area 54, Tuen Mun was approved by the Environmental Protection Department in 1999. According to the EIA review report prepared by CEDD in 2011, it is recommended that further archaeological survey should be conducted to obtain more information to verify the archaeological potential of the concerned areas in Area 54, Tuen Mun and formulate appropriate mitigation measures prior to the construction phase of the project.</p>	
AAB/11/2015-16	<p>Mr Ng Chun Nam (吳震霖先生)</p>	<p>To conduct an AWB at San Tsuen and Nga Yiu Tau for Pak Hok Lam Trunk Sewer and Sha Tau Kok Village Sewerage, which is part of the North District Sewerage Stage 2 (remainder) and sewerage to Chuen Lung, Kau Wa Keng Old Village and Lo Wai project initiated by the Drainage Services Department (DSD). A final Preliminary Environmental Review (PER) report was completed in 2010 during the investigation phase of the project. The PER report recommends that AWB should be carried out in the proposed sewerage works areas of archaeological potential in San Tsuen and Nga Yiu Tau during the construction phase to oversee the excavation works. A licence was granted in October 2013 for this AWB but the construction works had been postponed. This is a new</p>	<p>Fieldwork commenced in November 2015 and is still underway to tie in with the construction schedule. The licence expired in June 2016. An application for licence renewal was submitted to AMO in July 2016 to continue with the AWB.</p> <p>For details of the new licence under Mr Ng, please see AAB/30/2015-16.</p>

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		licence granted according to the new schedule of fieldwork.	
AAB/11/2015-16	Mr Steven Ng Wai Hung (吳偉鴻先生)	To conduct an archaeological investigation for the proposed Stage 5B infrastructure works at the former North Apron Area. The area covers the proposed Stage 5B infrastructure works, which is initiated by CEDD, for serving the development sites at the former North Apron Area of the former Kai Tak Airport. The project area locates in the vicinity of the construction works site of To Kwa Wan Station of SCL where significant archaeological findings were yielded in the archaeological work taken place recently. Archaeological review commissioned by CEDD recommends conducting archaeological investigation by phases so as to ascertain the archaeological potential within the footprint of the project area.	Fieldwork was completed in December 2015. Pottery sherds dated to Song-Yuan period as well as archaeological remains of the early 20 th century were identified. Revised draft final report was submitted to AMO in October 2016.
AAB/11/2015-16	Ms Sarah Heaver	Apart from the desk-top study, CEDD, after completing the Archaeological Impact Assessment (AIA), also commissioned a marine archaeologist to monitor the relocation of the metal object for Wan Chai Development Phase II which was found 6 metres underneath the seabed during the construction works for the reclamation project. The marine archaeologist, apart from	The metal object was relocated underwater to a nearby seabed area under the monitoring of the marine archaeologist in June 2015. The final report for the desk-top study has been finalised. CEDD is preparing the next phase of the archaeological investigation in respect of the metal object.

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		monitoring the relocation of the metal object, also ensured that as much archaeological information and evidence as possible could be retrieved before the relocation, and to record, study and classify the items retrieved.	
AAB/12/2015-16	Ms Julie Van Den Bergh	To conduct an AWB for the Sewerage Works at Wang Tong Village under the Upgrading of Mui Wo Sewage Treatment Works and Village Sewerage at Wang Tong and Yue Kwong Chuen, Lantau Island project, which is initiated by DSD. The Cultural Heritage Impact Assessment report of the project prepared in 2009 recommends that an AWB should be carried out during the construction phase to oversee the excavation works at Wang Tong Village.	Fieldwork was completed in August 2016. No significant archaeological remain was identified. The final report is under preparation.
AAB/12/2015-16	Ms Liu Mao (劉茂女士)	To conduct an AWB for the Replacement and Rehabilitation of Water Mains, Stage 3, Mains in West Kowloon (Package B) project, which is initiated by the Water Supplies Department (WSD). According to the Cultural Heritage Study Report of the project issued in 2009, it is recommended that an AWB should be carried out during the construction phase to oversee the excavation works to be conducted in the vicinity of the areas where cultural remains of Han dynasty were discovered in Mong Kok in 2004.	The licence expired. No further AWB was conducted under this licence.

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AAB/12/2015-16	Dr William Jeffery	To conduct a marine archaeological survey and excavation of an anchor stock site on the southern tip of High Island and a Basalt Island cannon site on behalf of Hong Kong Maritime Museum. The purposes of the marine archaeological work are to recover and conserve an anchor stock and two cannons as well as to record and document all the other archaeological materials discovered, including the ceramics, in their vicinity. The licensee will conduct research on the date and provenance of the materials to recommend the follow-up measures in the report.	The survey and excavation were conducted in July 2016. The applicant will apply for licence renewal to continue with the survey and excavation.
AAB/13/2015-16	Dr Liu Wensuo (劉文鎖博士)	To conduct an archaeological survey for the Liantang/Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure Works (Contract 6), which is initiated by CEDD. The project area of the current Contract 6 falls within the five areas of archaeological potential identified in the approved EIA report in 2011. The archaeological survey aims at assembling field data to verify the archaeological potential of the five areas for subsequent impact assessment and recommend appropriate mitigation measures if necessary.	Fieldwork was completed in September 2015. No significant archaeological remain was identified. The final report was completed in August 2016.
AAB/19/2015-16	Prof Patrick Wu Pak Cheuk	To excavate and search for fossils in the areas of sedimentary rocks and soils within Hong Kong	Fieldwork schedule to be confirmed.

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	(胡百卓教授)	on behalf of the Department of Earth Sciences of the University of Hong Kong for teaching and research purposes.	
AAB/19/2015-16	Mr Wang Fei (王飛先生)	To conduct an AWB for the proposed construction of a canopy at the Royal Hong Kong Yacht Club (RHKYC), Kellett Island, Hong Kong. To ascertain whether the proposed development at the RHKYC would cause adverse impact on the Kellett Island Site of Archaeological Interest where the RHKYC is situated, an assessment was conducted in 2014 to evaluate the archaeological impact imposed by the proposed works. Based on the AIA report issued in 2015, an AWB is recommended as mitigation measures for the construction of a canopy at the west side of the RHKYC building.	Fieldwork schedule to be confirmed.
AAB/19/2015-16	Dr Guo Lixin (郭立新博士)	To conduct an archaeological rescue excavation and watching brief for the sewerage works at Yung Shue Wan Site of Archaeological Interest, Lamma Island under the Outlying Islands Sewerage Stage 2 – Lamma Village Sewerage Phase 2, Package 1 project, which is initiated by DSD. Based on the PER report of the project issued in 2010, an AWB is recommended for some works areas at Yung Shue Wan Back Street, Sha Po New Village and Yung Shue Long New	A new licence application will be submitted by another archaeologist to continue carrying out the archaeological work.

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		Village during the construction phase of the project while rescue excavation is proposed for some other works areas at Yung Shue Wan Back Street with significant archaeological potential.	
AAB/19/2015-16	Mr Wang Hong (王宏先生)	To conduct an archaeological rescue excavation for the proposed development at Lots 196 and 197 S.A. ss.1 in D.D. Cheung Chau, which is initiated by Wide Will Corporation Limited. It is stipulated in the approval for the concerned planning application that an AAP should be submitted to AMO and mitigation measures should be implemented in accordance with the approved AAP. Based on the baseline and impact assessment studies, the AAP recommends carrying out an archaeological rescue excavation to retrieve archaeological data and cultural remains at the aforesaid lots prior to the commencement of any excavation works.	A new licence application will be submitted by another archaeologist to continue carrying out the archaeological work.
AAB/20/2015-16	Mr Steven Ng Wai Hung (吳偉鴻先生)	To conduct an archaeological survey for the Preliminary Development Review for Housing Sites at Tuen Mun Central – Feasibility Study which is initiated by CEDD. Since the proposed housing development at Wu Shan Recreational Playground is located within the Shek Kok Tsui Site of Archaeological Interest, an archaeological survey will be carried out to assess the	Fieldwork was completed in April 2016. A few ceramic sherds and stone tools of pre-historic period, Song to Qing dynasties were unearthed. The final report is under preparation.

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		archaeological impact on the proposed housing development and formulate appropriate mitigation measures in prior agreement with AMO.	
AAB/20/2015-16	Dr Zheng Junlei (鄭君雷博士)	To conduct an AWB at Kei Lun Wai and Fu Tei Ha Tsuen for the Castle Peak Road Trunk Sewer and Tuen Mun Village Sewerage project, which is initiated by DSD. Since some of the sewerage works areas fall within the Kei Lun Wai and Fu Tei Ha Sites of Archaeological Interest, an AWB is recommended to oversee the excavation works within the sites of archaeological interest.	Fieldwork schedule to be confirmed.
AAB/25/2015-16	Ms Ellen Ann Cameron	To conduct an AIA for the Nga Tsin Wai Village redevelopment project, which is initiated by Urban Renewal Authority (URA). The conservation study report issued by URA in 2009 recommends for an archaeological investigation to ascertain the archaeological potential of the Nga Tsin Wai village before development.	Fieldwork commenced in March 2016 and is still underway.
AAB/25/2015-16	Dr Liu Wensuo (劉文鎖)	To conduct an AWB at the provisional area for the construction of To Kwa Wan Station of SCL, which is initiated by MTRCL to ensure that any further potential or suspected archaeological deposits identified during construction can be properly addressed.	AWB commenced in June 2016 and is still underway.

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AAB/25/2015-16	Ms Kennis Yip Ho Sze (葉可詩)	To conduct an AIA for the proposed development at the Northern Lamma School, Lamma Island, which is initiated by the Education Bureau for building a new annex block, and demolishing the temporary structures and an existing building. As the proposed development is located within the Yung Shue Wan Site of Archaeological Interest, an AIA is required to obtain field archaeological data, assess the archaeological impact of the proposed development and formulate appropriate mitigation measures, if required, in prior agreement with AMO.	Fieldwork was completed in August 2016. A few artefacts of Bronze Age, such as pottery sherds and broken stone implement, were unearthed. The final report is under preparation.
AAB/29/2015-16	Ms Liu Mao (劉茂女士)	To conduct an AWB in Peng Chau for the Replacement and Rehabilitation of Water Mains Stage 4 Phase 2 – Mains on Outlying Islands project, which is initiated by WSD to replace and rehabilitate the aged water mains on outlying islands. The Final Environmental Review report, which was issued in 2010, recommends that an AWB should be carried out during the construction phase to oversee the excavation works for the alignments within or in close proximity to Lo So Shing, Peng Chau and Pui O Sites of Archaeological Interest.	Fieldwork commenced in July 2016 and is still underway.
AAB/29/2015-16	Mr Wang Hong (王宏先生)	To conduct an archaeological rescue excavation and an AWB at Ha Wun Yiu Village for Tolo	AWB commenced in January 2016 and is still underway. Rescue excavation at one of the

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		Harbour sewerage of unsewered areas. Based on the final AIA report issued in 2009, AWB for all impacted areas that fall within the Wun Yiu Site of Archaeological Interest is recommended during the construction phase. Further evaluation was conducted according to the updated detailed design in 2012. Rescue excavation at some works areas with significant archaeological potential is also required in addition to the AWB.	works areas was completed in September 2016 and archaeological fieldwork at the remaining project areas is still underway.
AAB/30/2015-16	Dr Michael Atha (范旻濤博士)	To conduct an archaeological excavation and search on the island of Yim Tin Tsai, Sai Kung. The project aims at providing a fieldwork training opportunity for undergraduate students of the Department of Anthropology of the Chinese University of Hong Kong and conducting further investigation into the character and extent of the Han site where deposits of the Han dynasty were discovered during an archaeological survey-cum-excavation by the Hong Kong Archaeological Society conducted in 2013.	Fieldwork schedule to be confirmed.
AAB/30/2015-16	Mr Ng Chun Nam (吳震霖先生)	To conduct an AWB at San Tsuen and Nga Yiu Tau for Pak Hok Lam Trunk Sewer and Sha Tau Kok Village Sewerage, which is part of the North District Sewerage Stage 2 (remainder) and	Fieldwork commenced in September 2016 and is still underway.

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		sewerage to Chuen Lung, Kau Wa Keng Old Village and Lo Wai project initiated by DSD. A final PER report was completed in 2010 during the investigation phase of the project. The PER report recommended that AWB should be carried out in the proposed sewerage works areas of archaeological potential in San Tsuen and Nga Yiu Tau during the construction phase to oversee the excavation works. A licence was granted in June 2015 for this AWB but the construction works are yet to be completed. This is a renewal of the licence to tie in with the construction works schedule for carrying out the remaining AWB.	
AAB/30/2015-16	Mr Steven Ng Wai Hung (吳偉鴻先生)	To conduct an AWB for a section of the proposed road L54A for Site Formation and Infrastructural Works near Tong Hang Road and Tsz Tin Road in Area 54, Tuen Mun, which is initiated by CEDD. The proposed AWB aims at ensuring that the construction works would not disturb the in-situ archaeological remains identified at two test pits in the archaeological survey in 2000; and to salvage and record any archaeological remains unearthed in the licence area in the course of the excavation works. In case significant archaeological finds are identified, AMO will be informed immediately and appropriate mitigation	Fieldwork commenced in September 2016 and is still underway.

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		measures will be proposed and implemented in prior agreement with AMO.	
AAB/30/2015-16	Mr Steven Ng Wai Hung (吳偉鴻先生)	To conduct an AIA for the proposed residential development in “Residential (Group E)” Zone at various lots in D.D. 130 and adjoining government land, Lam Tei, Tuen Mun, which is initiated by Join Smart Limited. It is stipulated in the approval for the concerned planning application that the project proponent is required to submit a detailed AIA and implement mitigation measures identified by the assessment to the satisfaction of the Director of Leisure and Cultural Services or the Town Planning Board. The proposed AIA aims at ascertaining the possible existence, extent and significance of archaeological remains in the licence area for assessing archaeological impact arising from the proposed residential development, and to formulate appropriate mitigation measures in prior agreement with AMO.	Fieldwork schedule to be confirmed.