## TRIGONOMETRICAL STATION SUMMARY

**STATION NO.:** 209  **(FORMER NO.:)***  
**TRIG. NAME:** MOUNT JOHNSTON  **LOCALITY:** YUK KWAI SHAN, AP LEI CHAU  
**SURVEY SHEET NO.:** 15-NW-3D

| HK 80 DATUM | **HK 1980 GRID COORDINATES:** N = 811 022.725 m, E = 834 189.141 m, Class : H2  
|-------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|             | Ht = 197.6 m above HKPD and measured to the top of mark, Class : V5  
| SCALE FACTOR: | + 0.1 ppm to measured distance to give Grid Distance  
| GRID CONVERGENCE: | - 00' 33.1" to Grid Bearings to give Azimuth  
| WGS 84 DATUM | **GEOGRAPHICAL COORDINATES:** Lat = 22° 14' 16.5511" N, Long = 114° 9' 24.15121" E, Class : GH3  
|             | Ht = 194.985 m above Ellipsoid and measured to the top of mark, Class : GV3  
|             | Reference Frame = ITRF96  
| UTM GRID COORDINATES: | 2 461 917 mN, 206 919 mE  
| UTM GRID REFERENCE: | 50Q KK 069 619  

**REMARKS:**  
Type of Mark : Type A Beacon  
Drive to Lei Tung Estate and walk uphill along the footpath which is adjacent to the Aplichau Kaifong Primary School and Service Reservoir

**GRID BEARINGS TO ADJACENT TRIGS.**  
| 80  | 99° 08’ 38”  
| 210 | 119° 03’ 07”  
| 81  | 210° 23’ 15”  
| 211 | 267° 14’ 49”

**REFERENCE MARKS DIAGRAM**

**LOCATION MAP** (Scale 1:5000)

**Prepared by:** LEUNG Y C  **Checked by:** TING W C  **Approved by:** KWOK K H, LS/G(HK&Is)  **Date:** 05/09/2014

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Geodetic Survey Section  
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