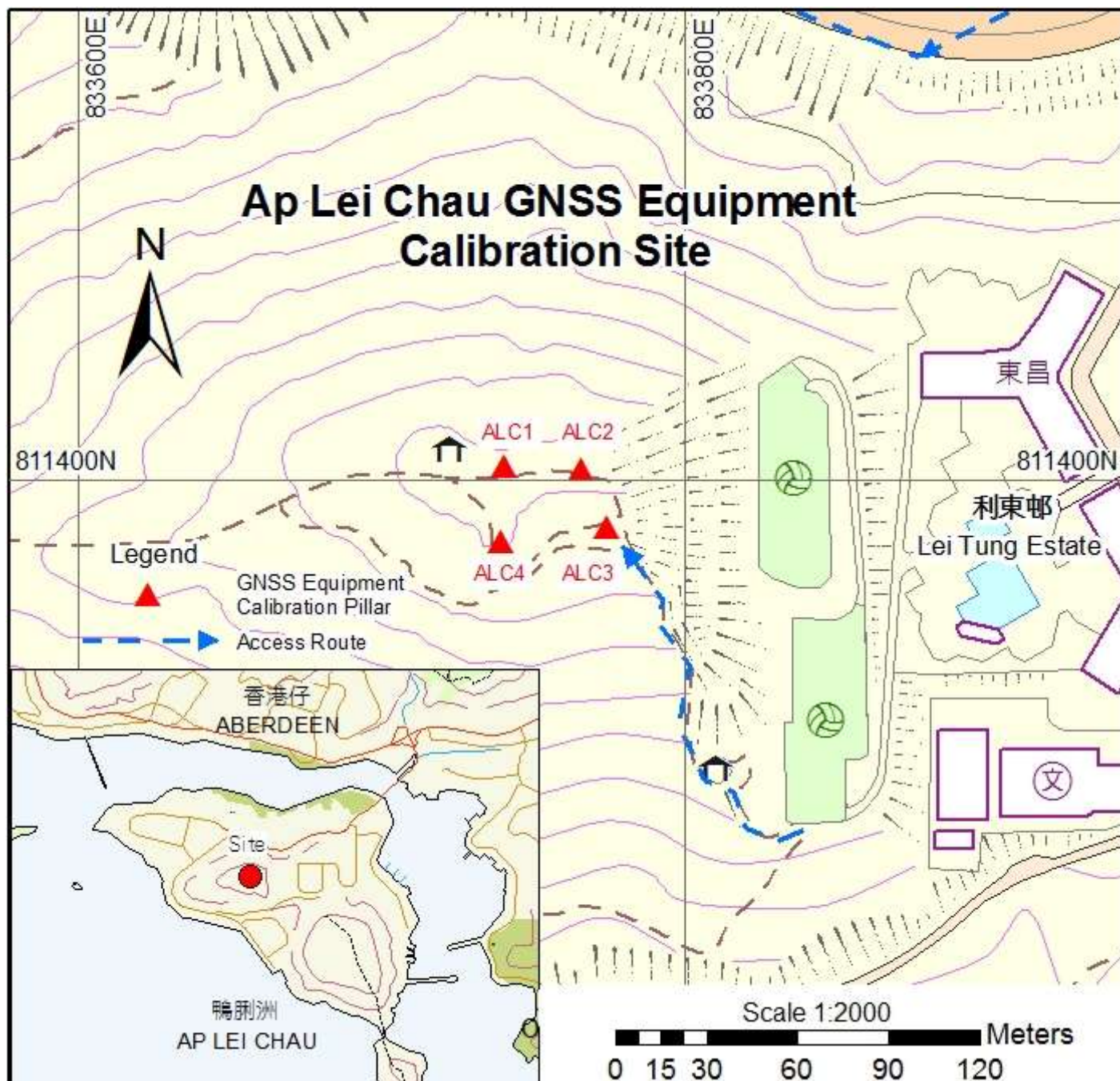


Information of Ap Lei Chau Calibration Site

The Ap Lei Chau calibration site consists of four concrete pillars installed for calibrating GNSS equipment. The locations of these pillars are shown in the map below.

The geodetic coordinate (in ITRF96 reference frame) of each pillar is described in page 2.

Booking of GNSS Calibration site can be made through the Senior Survey Officer/Geodetic Information of the Geodetic Survey Section of Lands Department at Tel. 2231 3497 or by Fax 2116 0778.



Coordinates of Pillars:

Date of Publication: Feb 2018

| Station | WGS84 (ITRF96) | | | | | | | #HK1980 Grid Coordinates | | | | |
|---------|----------------|-----|----------|---------------|-----|---------|--------|--------------------------|--------|--------------|-------------|-----------------------|
| | Latitude (N) | | | Longitude (E) | | | *Class | Ellipsoidal Height (m) | *Class | Northing (m) | Easting (m) | Height above HKPD (m) |
| | Deg | Min | Sec | Deg | Min | Sec | | | | | | |
| ALC1 | 22 | 14 | 28.96318 | 114 | 9 | 8.50636 | GH3 | 141.116 | GV3 | 811404.563 | 833741.204 | 143.72 |
| ALC2 | 22 | 14 | 28.92954 | 114 | 9 | 9.37637 | GH3 | 141.115 | GV3 | 811403.524 | 833766.117 | 143.72 |
| ALC3 | 22 | 14 | 28.30738 | 114 | 9 | 9.68349 | GH3 | 138.085 | GV3 | 811384.386 | 833774.908 | 140.69 |
| ALC4 | 22 | 14 | 28.15035 | 114 | 9 | 8.47052 | GH3 | 140.038 | GV3 | 811379.561 | 833740.174 | 142.64 |

*Please refer to "Accuracy Standards of Control Survey (version 2.0)"

#The HK1980 Grid Coordinates were transformed from WGS84 (ITRF96). The Height above HKPD were transformed using HKGeoid2016_smo20170726.

Photos of Pillars:

ALC1



ALC2



ALC3



ALC4

