

# TRIGONOMETRICAL STATION SUMMARY

STATION NO. : **661** (FORMER NO. : **651**)

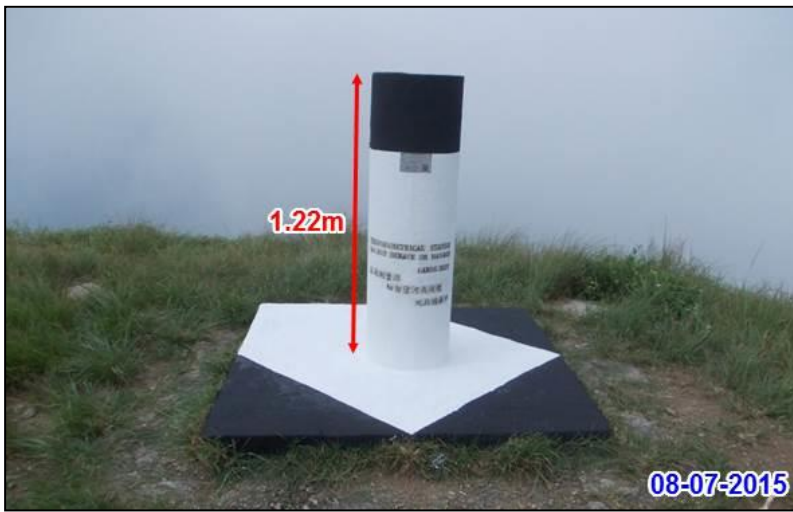
SURVEY SHEET NO. : **7-SE-5A**

TRIG. NAME : **MA ON SHAN**

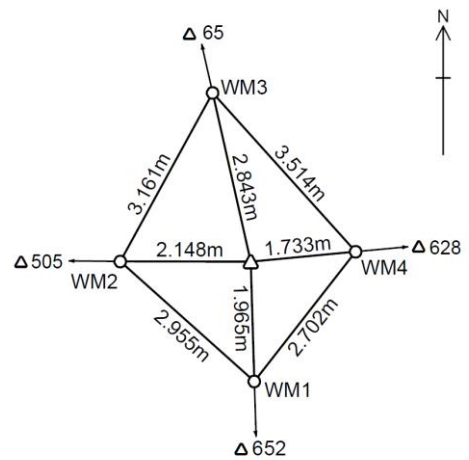
LOCALITY : **MA ON SHAN**

<b>HK 80 DATUM</b>	<p><b>HK 1980 GRID COORDINATES</b> : N = <b>829 971.337</b> m, E = <b>844 048.828</b> m, Class : <b>N.A.</b>                  Transformed from WGS84 (ITRF96) Ht = <b>703.6</b> m above HKPD and measured to the top of mark, Class : <b>N.A.</b>  <b>SCALE FACTOR</b> : <b>+ 0.7</b> ppm to measured distance to give Grid Distance  <b>GRID CONVERGENCE</b> : <b>+ 01' 38.0"</b> to Grid Bearings to give Azimuth</p>
<b>WGS 84 DATUM</b>	<p><b>GEOGRAPHICAL COORDINATES</b> : Lat = <b>22° 24' 32.51451"</b> N, Long = <b>114° 15' 8.79450"</b> E, Class : <b>GH3</b>                  Ht = <b>701.032</b> m above Ellipsoid and measured to the top of mark, Class : <b>GV3</b>                  Reference Frame = <b>ITRF96</b>  <b>UTM GRID COORDINATES</b> : <b>2 480 689</b> mN, <b>217 137</b> mE  <b>UTM GRID REFERENCE</b> : <b>50Q KK 171 806</b></p>

STATION PHOTO

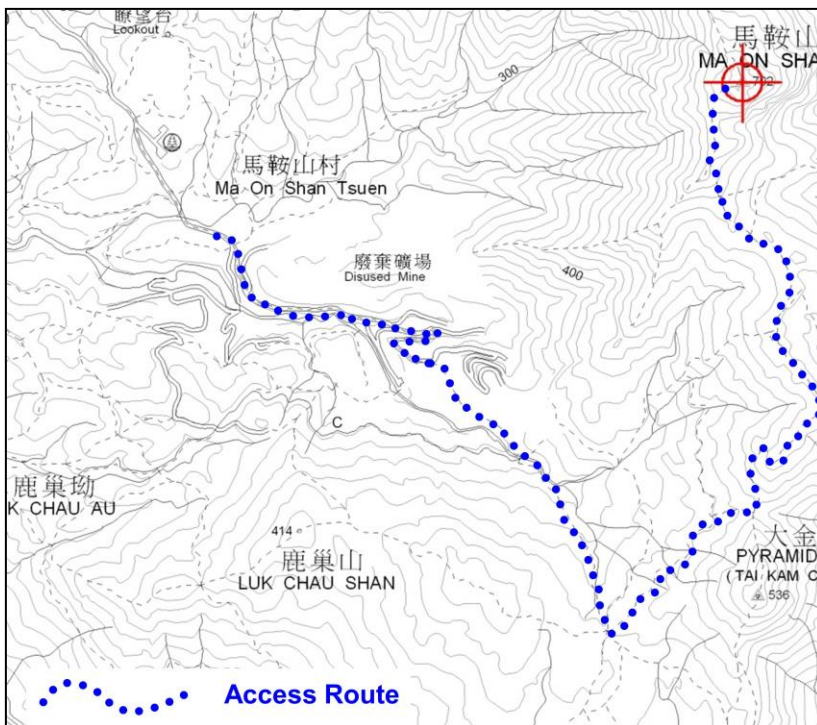


REFERENCE MARKS DIAGRAM



All witness marks are USM in cement.

LOCATION MAP (Scale 1:20000)



GRID BEARINGS TO ADJACENT TRIGS.

<b>65</b>	<b>347° 16' 55"</b>
<b>628</b>	<b>84° 37' 01"</b>
<b>652</b>	<b>178° 17' 13"</b>
<b>505</b>	<b>270° 03' 43"</b>

**REMARKS:**

Type of Mark :  
Type A Beacon

Drive along Ma On Shan Tsuen Road to Ma On Shan Tsuen, walk uphill along footpath to Trig. station. It takes about 2 hours to reach the hill-top.