

GRVGPS0095 – Bell Bay

GDA94/GRS80		MGA Z55		AMG Z55	
<i>Latitude</i>	-41 7 41.1737	<i>Easting</i>	492,456.268	<i>Easting</i>	492,342.411
<i>Longitude</i>	146 54 36.4603	<i>Northing</i>	5,447,018.150	<i>Northing</i>	5,446,835.166
<i>Ellipsoidal Height</i>	153.566	<i>Orthometric Height</i>	154.237	<i>Orthometric Height</i>	154.237

OBSERVED GRAVITY

<i>gu AAGD07</i>	9802345.29
<i>mGal ISOGAL84</i>	980234.607

Occupation Method/Location Details

At this control station, the GPS control point consists of a steel picket driven into the ground with approximately 15cm protruding. The gravity control point consists of a small concrete slab set into the ground, opposite the GPS control point. The control station is witnessed by an Atlas Geophysics survey plaque attached to a 1.5 metre steel picket placed within 0.5m of the both control points

Gravity Control was established via an ABABABA loop with the project meter to George Town station 9002 located at the intersection of the Tamar Highway and Bridport Road. Expected accuracy would be better than 0.01 mGal.

GPS Control was established using AUSPOS. Three separate 10 hour sessions were submitted to AUSPOS's online processing system where returned coordinates were accurate to better than 0.01m.

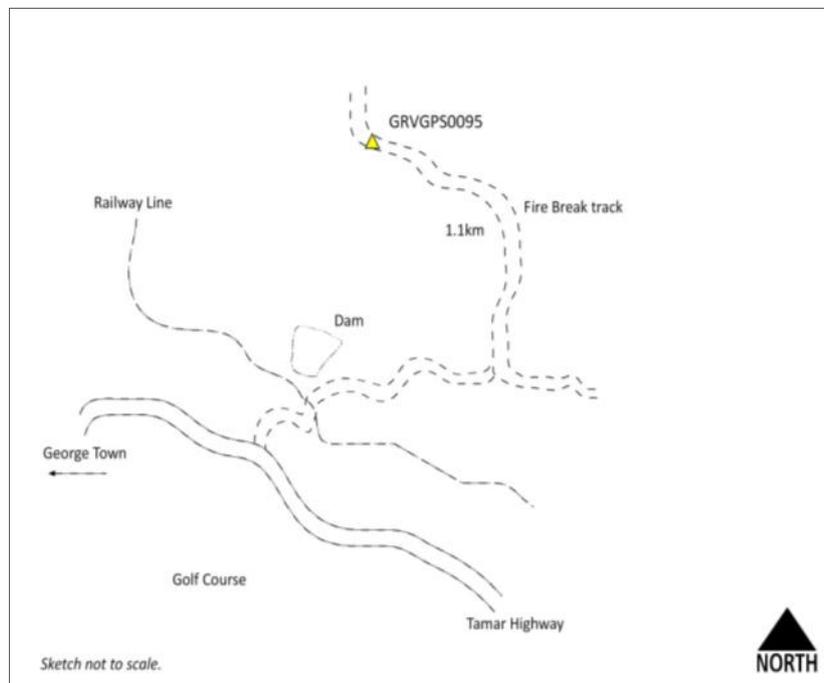
The station is located in the middle of the fire break, adjacent to a large rock approximately 0.5m in diameter. The station can be accessed from the track that runs off the Tamar Highway. Take the track opposite the George Town golf course, go through the locked gate, cross over the railway line and drive for 1.6km. After 1.6km you will hit a fork in the track, take the left fork. Continue along the fire break track for another 1.1km. GRVGPS0095 is visible from the fire break track.



Photograph of Control Station GRVGPS0095 and Surrounds



Location of Control Station GRVGPS0095



Locality Sketch of Control Station GRVGPS0095