

201300100002 – Waratah Water Wheel

GDA94/GRS80		MGA Z55		AMG Z55	
<i>Latitude</i>	-41 26 41.7	<i>Easting</i>	377,075	<i>Easting</i>	376,965
<i>Longitude</i>	145 31 42.4	<i>Northing</i>	5,410,804	<i>Northing</i>	5,410,620
<i>Ellipsoidal Height</i>	N/A	<i>Orthometric Height</i>	N/A	<i>Orthometric Height</i>	N/A

OBSERVED GRAVITY

<i>AAGD07 mGal</i>	980169.111
<i>ISOGAL65 mGal</i>	980182.659

Occupation Method/Location Details

This gravity control station has not been established at a new permanent monument, rather it has been located on the corner of a concrete pad next to a water wheel/mill in Waratah.

Gravity Control was established by Atlas Geophysics via ABA loops with the project meters to AFGN station 1985911141 at the Devonport airport terminal on 13th February 2013 and 22nd February 2013. Expected accuracy would be better than 0.1 mGal.

GPS Control was not established. A handheld Garmin GPS was used to get autonomous coordinates. No elevation was recorded.

The water mill is easily accessible via an asphalt car park off Smith or Crosby Street, Waratah. A large lake sits just east of the car park.



Photograph of Control Station 201300100002