

Survey Control Mark Report

ADMINISTRATIVE DETAILS

Mark Number	194390		
Alternate Names	BARTLE FRERE	Town	
		Local Authority	CAIRNS REGIONAL
Locality Description	SOUTH PEAK MT BARTLE FRERE		
Related Information	Installed by Graham Jensen and Jeff Pickford. Access from Topaz Road or Josephine Falls. Allow 8hrs each way. Helicopter access recommended		
Mark Type	OTHER STEEL BOLT IN ROCK		
Installed By	J PICKFORD	Last Visited	23-Jul-2016
Installed Date	22-Jul-2016	Sketch Available	Yes
Mark Condition	GOOD	Num Connections	0

GDA2020 COORDINATES

Lineage	Datum		
Latitude	17° 23' 57.29027" S	MGA2020 Easting	374500.752m
Longitude	145° 49' 06.64980" E	MGA2020 Northing	8075890.400m
Hz Posn Uncertainty	0.015m	MGA2020 Zone	55
Ellipsoidal Height	1673.537m	MGA2020 Point Scale	0.99979474
Vrt Posn Uncertainty	0.025m	MGA2020 Grid Conv	-0° 21' 12"
Published	14-Oct-2024	Fixed By	GPS
Adjustment	QLD ANJ 24.09		

GDA94 TRANSFORMED COORDINATES

Latitude	17° 23' 57.33799" S	MGA94 Easting	374499.947m
Longitude	145° 49' 06.62222" E	MGA94 Northing	8075888.928m
Ellipsoidal Height	1673.646m	MGA94 Zone	55

AHD HEIGHT

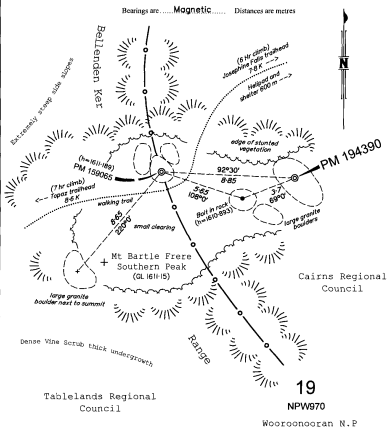
Lineage	Derived		
Height	1611.204m	Vertical Uncertainty	Class D / 5th ORDER
Published	22-Jul-2016	Fixed By	GPS
Origin Mark	44991	NLN Section	
Source	Model: AUSGEOID09 / N Value: 62.571m		

SURVEY CONNECTIONS

Form 6 - Version 5
Survey and Mapping Infrastructure Act 2003

PERMANENT SURVEY MARK PLAN

REGISTERED NO. **194390**



Mark Type:

Stainless Bolt in large granite boulder

Scale 1:150

Suited to GNSS?	DETAILS ON REVERSE COMPLETED: <input checked="" type="checkbox"/>	
Yes	Prepared by: <u>G. Jensen (Cadastral Surveyor)</u>	Date <u>22/8/2016</u>
	(registered person or public authority)	

This form is to be completed in accordance with the Department's Specification Completion of Permanent Survey Mark Plans

Survey Control Register - Permanent Survey Mark Data Sheet

REGISTERED NO. 194390

Administrative Data

Alternative Name 1: *Installed by: J Pickford
 Alternative Name 2: *Date installed: 22/7/2016
 Alternative Name 3: Date last visited: 23/7/2016
 *Mark type: Stainless Bolt in Rock *Locality: WOOROO NOORAN
 City or Town:
 *Mark condition: Good *Local government: Cairns Regional Council
 Location description: Southern Peak, Mt Bartle Frere

Note: The Survey Control Register is the authoritative source for coordinate and height information.
 The vertical and horizontal data below may not be the current information regarding this mark.

Vertical Control Data

*Height: 1611.204 *Datum: A.H.D.D Vertical Accuracy - Order: 4 *Class: A
 Vertical Origin - Regd No: 44991 *Height: 968.020 *Datum: A.H.D
 Geo-Sphd N: 62.571 Datum: GRS80 Model: AG09
 *Fixed By: GNSS *Date: 22/7/2016

Horizontal Control Data

*Latitude: 17° 23' 57.33796" *Longitude: 145° 49' 06.62236" *Datum: GDA94
 *Easting: 374 499 951 *Northing: 8 075 888 929 *Zone: 55
 *Horiz Positional Uncertainty: 0.009 *Fixed By: Auspos 2.2 *Date: 22/7/2016
 *Horiz Origin Regd No:
 *Latitude: *Longitude: *Datum: GDA94

Cadastral Connection Data

*Connected on Cadastral Plan No.:

Comments

..... Auspos solution from 14 hours of data collected on the 22/7/2016. No obstructions above 0° elevation.....

Details completed by: Name: G Jensen Date: 22/8/2016
 Organisation: Department of Transport and Main Roads

*Items marked thus are mandatory items for the section

*Items marked thus are mandatory items if the coordinates are determined by connection to an existing mark (i.e. not Network RTK or AUSPOS)