

B2NB, Abut Head

Project	2018 CSI GPS
Created	2018-01-09 15:51:42 NZDT by Neville Palmer
Updated	2018-05-23 16:21:50 NZST by GeodeticTwo Tectonophysics
Location	-43.10843608, 170.2609943
Status	■ Retrieved
Geodetic Code	B2NB
Station Name	Abut Head
Station Height (m)	62.5672
Station Height (ft)	205

Mark, Site & Photo Details

Mark & Protection Details

Mark Type	Any other mark type
Mark Physical State	Reliable / Found
Mark Description	This mark is used for deformation monitoring, do not alter the ground mark in any way. 4" diam circle cut in rock marked 'NZ SURVEY'

Plates & Plaques

ID Plaque (bronze)	ID Plaque does Not Exist and was Not Installed
ID Plate (aluminium)	ID Plate does Not Exist and was Not Installed
Information Plate (aluminium)	Info Plate does Not Exist and was Not Installed

Protection

Primary Protection	Post and Rail Enclosure
Secondary Protection	No Protection

Beacon Details

Beacon Type	Not Beacons
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Height Details (all in metres)

Mark Ground Level Relationship in metres (+ve below GL / -ve above GL)	0
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Maintenance Completed and Required

Mark Maintenance Completed	No
Beacon Maintenance Completed	Yes
Description	Top of beacon removed
Protection Maintenance Completed	Yes
Description	Base of beacon left as post and rail enclosure. This needs re nailing to make sound.
Mark Maintenance Required	No
Beacon Maintenance Required	No
Protection Maintenance Required	Yes
Description	Post and rail need to be renovated

Verification

Have all mark and protection fields above been updated or verified to be correct?	Yes
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Site & Access Details

Access and Location Description	On bluff at northern side of Whataroa River mouth
Access vehicle	Heli
GNSS Suitability	Poor

Cell Phone Network Coverage

Spark	Weak but reliable signal
Vodafone	No signal or unreliable signal
2 Degrees	Network signal not tested

Verification

Have all site & access fields above been updated or verified to be correct?	Yes
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Photographs

Photo of Survey Mark



Photo of Immediate Site





Verification

Is there at least one photo taken for each field above?

No

Why are there photos not taken?

Extended from other camera

Have any mark, site or photo details been updated or verified?

Yes - All details have been fully updated or verified.

Updated by:

Cyril Joureau

Owner & Contact Details

Owner & Contact

Contact Details from the LINZ GDB

Owner/Contact

DoC - West Coast Tai Poutini Conservancy

Phone	03 752 0796
Address	Main Rd, PO Box 14, Franz Josef,

Contact Comments

Access permission restrictions (to report in LINZ GDB)	On edge of Okarito "no fly" zone. Ensure the flight path avoids this!!!
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Owner

Is the owner known?	Yes
First Name	-
Last Name	Franz Josef - Waiau Area Office
Address	Main Rd, PO Box 14, Franz Josef,
Phone	03 752 0796

Site Contact

Is the site contact person known?	Same as owner
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Access Contact

Is the access contact person known?	Same as site contact
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Verification

Have all owner & contact fields above been updated or verified to be correct?	Yes
Have any owner or contact details been updated or verified?	Yes - All details have been fully updated or verified.
Updated by:	Neville Palmer

Occupations

B2NB, 2018-03-22, 18:21, GNS50, 3022413, PolaRx5, Septentrio

Geodetic Code	B2NB
Station Name	Abut Head

Deployment

Observer(s)	Cyril Joureau, Neville Palmer
GNSS Receiver	GNS50, 3022413, PolaRx5, Septentrio
GNSS Antenna	GNT02, 1441031160, Zephyr Geodetic 2, Trimble
Antenna radome used?	NONE

Plumbing

Antenna Mount or Monument	Tripod
Set-up using a rotating optical plummet?	Yes
Bubble Centred?	Yes
Cross-hair on target?	Yes
Plummet Check OK?	Yes

Antenna Alignment

Magnetic Declination (+ve east / -ve west)	24
Compass should read (magnetic bearing)	336

Aligned to True North	Yes
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Antenna Height

Height Measured To	Bottom of Notch (Slant)
1st Notch Number	8
1st Height	0.956
2nd Notch Number	3
2nd Height	0.957
3rd Notch Number	6
3rd Height	0.957
Check Height Units	Decimal Inches
Check Height	37.67
Check Height Converted to Metres	0.9568

Start Time

Occupation Start Date (local)	2018-03-22
Occupation Start Time (local)	18:21
Occupation Start UTC	Thu, 22 Mar 2018 05:21:00 GMT
Year and DoY (UTC)	2018-081

Battery Details

Number of batteries deployed	One
ID of Battery 1	15B
Capacity of Battery 1 (Ahr)	34 Amp Hour
Voltage of Battery 1	12.53

This site is being deployed with multiple batteries. Please comment with all relevant details of the batteries deployed.

Retrieval

Observer(s)	Neville Palmer
Was receiver logging on arrival?	Yes

Battery Details

No batteries were recorded at deployment.

More than two batteries were recorded as deployed at this occupation. Comment below as necessary.

ID of Battery 1	15B
Voltage of Battery 1 at Deployment	12.53
Voltage of Battery 1 at Retrieval	11.96

End Time

Occupation End Date (local)	2018-03-24
Occupation End Time (local)	09:37
Occupation End UTC	Fri, 23 Mar 2018 20:37:00 GMT
Year and DoY (UTC)	2018-082

Antenna Alignment

Magnetic Declination (+ve east / -ve west)	24
Compass should read (magnetic bearing)	336

Aligned to True North	Yes
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Antenna Height

Height Measured To	Bottom of Notch (Slant)
1st Notch Number	3
1st Height	0.957
2nd Notch Number	5
2nd Height	0.958
3rd Notch Number	8
3rd Height	0.957
Check Height Units	Decimal Inches
Check Height	37.68
Check Height Converted to Metres	0.9571
Average Height recorded at Deployment	0.9567

Plumbing

Bubble Centred?	Yes
Cross-hair on target?	Yes
Plummet Check OK?	Yes

EDS 29, 19270810.18_.gz, 19270820.18_.gz

Current Station	B2NB - Abut Head
Station Occupation times (UTC)	Start: 05:21 DoY 2018-081 UTC End: 20:37 DoY 2018-082 UTC
ID of Download Device	EDS 29
Downloaded by:	Cyril Joureau
Download Date	2018-03-24
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	19270810.18_.gz
Latest File Name Downloaded	19270820.18_.gz
Total number of files downloaded.	2

Summary of Downloaded Files

Earliest Filenames Downloaded	19270810.18_.gz
Latest Filenames Downloaded	19270820.18_.gz
Numbers of files Downloaded	2

For each block of downloaded files there will be an earliest and latest file downloaded, plus the total number of files downloaded. Typically there will only be one download block per occupation. Occasionally a receiver will be downloaded several times during an occupation (eg during an extended semi-cGPS occupation). In this instance there will be multiple earliest, latest, and number of files downloaded. These are summarised in the comma delimited lists above.