

B8WU, Butler Range

Project	2018 CSI GPS
Created	2018-01-09 15:51:46 NZDT by Neville Palmer
Updated	2018-03-28 19:45:41 NZDT by Neville Palmer
Location	-43.39354971, 170.4505935
Status	■ Retrieved
Geodetic Code	B8WU
Station Name	Butler Range
Station Height (m)	1499.0801
Station Height (ft)	4918

Mark, Site & Photo Details

Mark & Protection Details

Mark Type	Stainless Steel Pin
Mark Physical State	Reliable / Found
Mark Description	This mark is used for deformation monitoring, do not alter the ground mark in any way. SS pin set in rock outcrop. Rock cairn marks the pin. M10 Dynabolts installed for tying down tripod.

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	No Protection
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	No
Protection Maintenance Completed	No
Mark Maintenance Required	No
Beacon Maintenance Required	No
Protection Maintenance Required	No

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	Helicopter access. Above the Top butler hut approx. 1460m on the front lip of small basin.
Access vehicle	Heli
GNSS Suitability	Good

Cell Phone Network Coverage

Spark	No signal or unreliable signal
Vodafone	No signal or unreliable signal
2 Degrees	No signal or unreliable signal

Verification

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

Photographs

Photo of Survey Mark

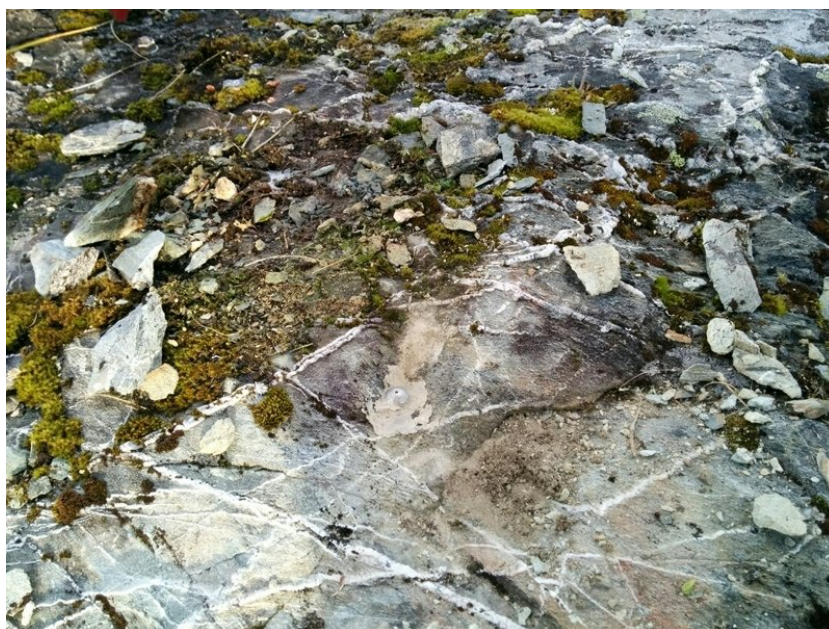


Photo of Immediate Site



Photo of Extended Site



Verification

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

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

B8WU, 2018-03-22, 09:03, GNS12, 0440103874, 5700, Trimble

Geodetic Code	B8WU
Station Name	Butler Range

Deployment

Observer(s)	Cyril Joureau
GNSS Receiver	GNS12, 0440103874, 5700, Trimble
GNSS Antenna	GNST17, 12482226, Zephyr Geodetic, 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
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Compass should read (magnetic bearing)	336
Aligned to True North	Yes

Antenna Height

Height Measured To	Bottom of Notch (Slant)
1st Notch Number	5
1st Height	1.055
2nd Notch Number	8
2nd Height	1.054
3rd Notch Number	2
3rd Height	1.054
Check Height Units	Decimal Inches
Check Height	41.5
Check Height Converted to Metres	1.0541

Start Time

Occupation Start Date (local)	2018-03-22
Occupation Start Time (local)	09:03
Occupation Start UTC	Wed, 21 Mar 2018 20:03:00 GMT
Year and DoY (UTC)	2018-080

Battery Details

Number of batteries deployed	One
ID of Battery 1	06-K
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	12.57

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

Retrieval

Observer(s)	Cyril Joureau, Neville Palmer
Was receiver logging on arrival?	No
Explain why receiver was not logging (eg Flat battery)	Battery flat

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	06-K
Voltage of Battery 1 at Deployment	12.57
Voltage of Battery 1 at Retrieval	10.9

End Time

Occupation End Date (local)	2018-03-28
Occupation End Time (local)	12:25
Occupation End UTC	Tue, 27 Mar 2018 23:25:00 GMT
Year and DoY (UTC)	2018-086

Antenna Alignment

Magnetic Declination (+ve east / -ve west)	24
Compass should read (magnetic bearing)	336
Aligned to True North	Yes

Antenna Height

Height Measured To	Bottom of Notch (Slant)
1st Notch Number	8
1st Height	1.054
2nd Notch Number	2
2nd Height	1.054
3rd Notch Number	1
3rd Height	1.055
Check Height Units	Decimal Inches
Check Height	41.55
Check Height Converted to Metres	1.0554
Average Height recorded at Deployment	1.0543

Plumbing

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

Nev's phone, 38740800.t01, 38740850.t01

Current Station	B8WU - Butler Range
Station Occupation times (UTC)	Start: 20:03 DoY 2018-080 UTC End: 0000 DoY 0NaN-NaN UTC
ID of Download Device	Nev's phone
Downloaded by:	Neville Palmer
Download Date	2018-03-28
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	38740800.t01
Latest File Name Downloaded	38740850.t01
Total number of files downloaded.	16
Optional Comment	Many small files because of bad battery turning on and off.

Summary of Downloaded Files

Earliest Filenames Downloaded	38740800.t01
Latest Filenames Downloaded	38740850.t01
Numbers of files Downloaded	16

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.