

B8XK, Bondie's Spur

Project	2018 CSI GPS
Created	2018-01-09 15:51:52 NZDT by Neville Palmer
Updated	2018-05-28 08:48:18 NZST by GeodeticTwo Tectonophysics
Location	-43.63646524, 170.4229223
Status	■ Retrieved
Geodetic Code	B8XK
Station Name	Bondie's Spur
Station Height (m)	1647.7811
Station Height (ft)	5406

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. Stainless steel pin set in rock outcrop.

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

Located in the head waters of the Cass River. Station is on topmost point of a large outcrop at the head of the spur 1.6km WNW of Taranaki Peak. Site is just north of gorge. Site is 400m West of point 1612 plotted on NZTopo50. To find the point fly up Cass River then follow the branch toward Taranaki Peak. The large dome shaped rock is unmistakable.

Access vehicle

Heli

GNSS Suitability

Good

Cell Phone Network Coverage

Spark

No signal or unreliable 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

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, Neville Palmer

Owner & Contact Details

Owner & Contact

Contact Details from the LINZ GDB

Owner/Contact	DoC - Canterbury Conservancy
Phone	03 435 0802
Address	Wairepo Rd, Private Bag, Twizel,

Owner

Is the owner known?	Yes
First Name	Richard
Last Name	McNamara
Address	Wairepo Rd, Private Bag, Twizel,
Phone	03 435 0802

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

B8XK, 2018-03-29, 12:25, LINZ25, 0220267074, 5700, Trimble

Geodetic Code	B8XK
Station Name	Bondie's Spur

Deployment

Observer(s)	Cyril Joureau, Neville Palmer
GNSS Receiver	LINZ25, 0220267074, 5700, Trimble
GNSS Antenna	LINZ25, 12652401, 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	1.115
2nd Notch Number	7
2nd Height	1.114
3rd Notch Number	2
3rd Height	1.114
Check Height Units	Decimal Inches
Check Height	43.87
Check Height Converted to Metres	1.1143

Start Time

Occupation Start Date (local)	2018-03-29
Occupation Start Time (local)	12:25
Occupation Start UTC	Wed, 28 Mar 2018 23:25:00 GMT
Year and DoY (UTC)	2018-087

Battery Details

Number of batteries deployed	One
ID of Battery 1	12H
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	12.88

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

2018-05-28

Geodetic Code	B8XK
Occupation Period	2018-087_2018-090
Event logged by:	Rory Hart
Event Date	2018-05-28
Event Time	08:47
UTC time	Sun, 27 May 2018 20:47:00 GMT
Year and DoY (UTC)	2018-147
Event Comments	Faulty data card meant download was not possible. No RINEX files for this site.

Retrieval

Observer(s)	Cyril Joureau, 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	12H
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Voltage of Battery 1 at Deployment	12.88
Voltage of Battery 1 at Retrieval	11.71

End Time

Occupation End Date (local)	2018-04-01
Occupation End Time (local)	09:31
Occupation End UTC	Sat, 31 Mar 2018 21:31:00 GMT
Year and DoY (UTC)	2018-090

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	4
1st Height	1.115
2nd Notch Number	8
2nd Height	1.114
3rd Notch Number	2
3rd Height	1.114
Check Height Units	Decimal Inches
Check Height	43.84
Check Height Converted to Metres	1.1135
Average Height recorded at Deployment	1.1143

Plumbing

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

Summary of Downloaded Files

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.