

B8XN, Mueller

Project	2018 CSI GPS
Created	2018-01-09 15:51:53 NZDT by Neville Palmer
Updated	2018-04-01 21:15:54 NZST by Neville Palmer
Location	-43.76483385, 169.8222129
Status	■ Retrieved
Geodetic Code	B8XN
Station Name	Mueller
Station Height (m)	1494.6199
Station Height (ft)	4904

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 quartz 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	Helicopter access. Just South of low point of Mueller Pass by small tarn. On ridge line 250m SSW of low point of Mueller Pass, and 10m S of tarn.
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:	Rory Hart

Owner & Contact Details

Owner & Contact

Contact Details from the LINZ GDB

Owner/Contact	DoC - West Coast Tai Poutini Conservancy
Phone	03 751 0807
Address	Main Road, PO Box 9, Fox Glacier,

Owner

Is the owner known?	Yes
First Name	-
Last Name	South Westland - Weheka Area Office
Address	Main Road, PO Box 9, Fox Glacier,
Phone	03 751 0807

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
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Have any owner or contact details been updated or verified?	Yes - All details have been fully updated or verified.
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Updated by:	Rory Hart
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Occupations

B8XN, 2018-03-29, 15:37, GNS35, 5130K77167, NetR9, Trimble

Geodetic Code	B8XN
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Station Name	Mueller
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Deployment

Observer(s)	Jerry Simonsen, Rory Hart
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GNSS Receiver	GNS35, 5130K77167, NetR9, Trimble
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GNSS Antenna	GNS35, 1441137889, Zephyr Geodetic 2, Trimble
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Antenna radome used?	NONE
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Plumbing

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

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

Height Measured To	Bottom of Notch (Slant)
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1st Notch Number	5
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1st Height	1.037
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2nd Notch Number	2
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2nd Height	1.036
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3rd Notch Number	7
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3rd Height	1.036
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Check Height Units	Decimal Inches
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Check Height	40.8
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Check Height Converted to Metres	1.0363
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Start Time

Occupation Start Date (local)	2018-03-29
Occupation Start Time (local)	15:37
Occupation Start UTC	Thu, 29 Mar 2018 02:37:00 GMT
Year and DoY (UTC)	2018-088

Battery Details

Number of batteries deployed	One
ID of Battery 1	15J
Capacity of Battery 1 (Ahr)	34 Amp Hour
Voltage of Battery 1	12.67

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)	Flat battery

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	15J
Voltage of Battery 1 at Deployment	12.67
Voltage of Battery 1 at Retrieval	11.69

End Time

Occupation End Date (local)	2018-04-01
Occupation End Time (local)	10:53
Occupation End UTC	Sat, 31 Mar 2018 21:53:00 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	5
1st Height	1.037
2nd Notch Number	8
2nd Height	1.035
3rd Notch Number	2
3rd Height	1.035

Check Height Units	Decimal Inches
Check Height	40.76
Check Height Converted to Metres	1.0353
Average Height recorded at Deployment	1.0363

Plumbing

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

Nev's phone, 5130K77167201803290200B.T02, 5130K77167201803311200B.T02

Current Station	B8XN - Mueller
Station Occupation times (UTC)	Start: 02:37 DoY 2018-088 UTC End: 21:53 DoY 2018-090 UTC
ID of Download Device	Nev's phone
Downloaded by:	Neville Palmer
Download Date	2018-04-01
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	5130K77167201803290200B.T02
Latest File Name Downloaded	5130K77167201803311200B.T02
Total number of files downloaded.	59

Summary of Downloaded Files

Earliest Filenames Downloaded	5130K77167201803290200B.T02
Latest Filenames Downloaded	5130K77167201803311200B.T02
Numbers of files Downloaded	59

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.