

B8XB, Cloudy Peaks

Project	2018 CSI GPS
Created	2018-01-09 15:51:50 NZDT by Neville Palmer
Updated	2018-02-15 22:59:12 NZDT by Neville Palmer
Location	-44.02729707, 170.7122309
Status	■ Retrieved
Geodetic Code	B8XB
Station Name	Cloudy Peaks
Station Height (m)	460.2177
Station Height (ft)	1510

Mark, Site & Photo Details

Mark & Protection Details

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 grouted into rock.

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

Diagram

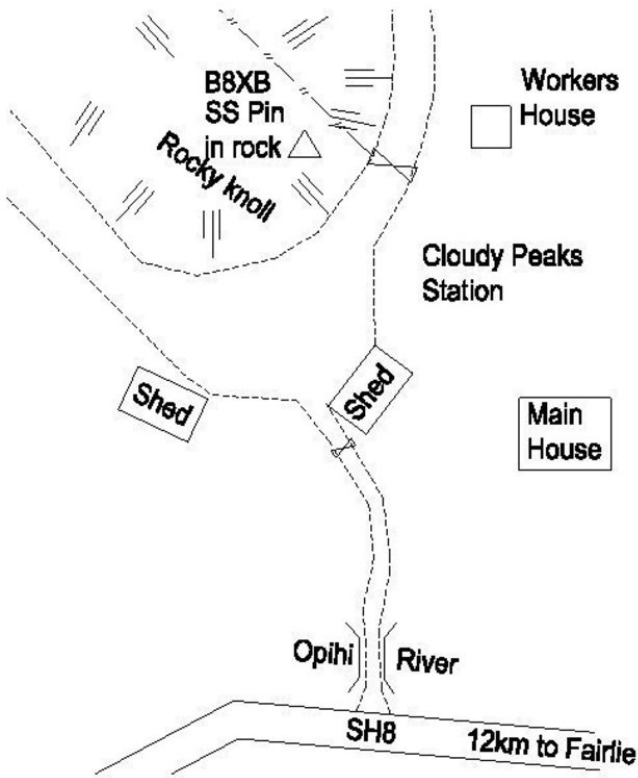


Diagram Notes	See locus GPS track
Access and Location Description	Location SH8 by Mt Dodson turnoff. Drive to Cloudy Peaks turnoff which is about 1km East of the junction with the Mt Dodson Road junction. Turn left (north) and cross narrow bridge over Opihi River. Bear left at Y junction just past the bridge and follow main track to farmyard surrounded by sheds and derelict houses. The road divides here, the main fork angles up the hill to the farmhouse, while the other fork goes through stock yards. To the left of the branch which goes to the farmhouse there is an obvious bedrock outcrop. The point is located near the top of this outcrop on a crest about 3m above the road.
Access vehicle	2WD
GNSS Suitability	Good

Cell Phone Network Coverage

Spark	Weak but reliable 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

Existing Photo or Site Image

B8XB – CLOUDY PEAKS

Contract Number: RFQ13D01



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:

Chris Pearson

Owner & Contact Details

Owner & Contact

Contact Details from the LINZ GDB

Owner/Contact

Larry or Glenys Murdoch (Cloudy Peaks Station)

Phone

(03) 685 8351

Address

Cloudy Peaks, R D 17, Fairlie

Owner

Is the owner known?

Yes

First Name

Cloudy Peak

Last Name

Station

Phone

03 6858351

Site Contact

Is the site contact person known?

Same as owner

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:	Chris Pearson

Occupations

B8XB, 2018-02-03, 18:32, GNS48, 5451R50047, NetR9, Trimble

Geodetic Code	B8XB
Station Name	Cloudy Peaks

Deployment

Observer(s)	Chris Pearson, Isaac Brennan
GNSS Receiver	GNS48, 5451R50047, NetR9, Trimble
GNSS Antenna	GNS48, 1312118477, 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)	22
Compass should read (magnetic bearing)	338
Aligned to True North	Yes

Antenna Height

Height Measured To	Bottom of Notch (Slant)
1st Notch Number	5
1st Height	0.856
2nd Notch Number	7
2nd Height	0.855
3rd Notch Number	2
3rd Height	0.855
Check Height Units	Decimal Inches
Check Height	33.7
Check Height Converted to Metres	0.856

Start Time

Occupation Start Date (local)	2018-02-03
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Occupation Start Time (local)	18:32
Occupation Start UTC	Sat, 03 Feb 2018 05:32:00 GMT
Year and DoY (UTC)	2018-034

Battery Details

Number of batteries deployed	One
ID of Battery 1	17e
Capacity of Battery 1 (Ahr)	38 Amp Hour
Voltage of Battery 1	12.9

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

Retrieval

Observer(s)	Chris Pearson, Isaac Brennan
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	17e
Voltage of Battery 1 at Deployment	12.9
Voltage of Battery 1 at Retrieval	11.64

End Time

Occupation End Date (local)	2018-02-07
Occupation End Time (local)	12:01
Occupation End UTC	Tue, 06 Feb 2018 23:01:00 GMT
Year and DoY (UTC)	2018-037

Antenna Alignment

Magnetic Declination (+ve east / -ve west)	22
Compass should read (magnetic bearing)	338
Aligned to True North	Yes

Antenna Height

Height Measured To	Bottom of Notch (Slant)
1st Notch Number	7
1st Height	0.855
2nd Notch Number	2
2nd Height	0.854
3rd Notch Number	4
3rd Height	0.855
Check Height Units	Decimal Inches
Check Height	33.7
Check Height Converted to Metres	0.856
Average Height recorded at Deployment	0.8553

Plumbing

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

Gns3, 00470340.T02, 00470370.T02

Current Station	B8XB - Cloudy Peaks
Station Occupation times (UTC)	Start: 05:32 DoY 034 UTC End: 23:01 DoY 037 UTC
ID of Download Device	Gns3
Download Date	2018-02-07
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	00470340.T02
Latest File Name Downloaded	00470370.T02
Total number of files downloaded.	4

Summary of Downloaded Files

Earliest Filenames Downloaded	00470340.T02
Latest Filenames Downloaded	00470370.T02
Numbers of files Downloaded	4

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.