

B8XL, Whiterock

Project	2018 CSI GPS
Created	2018-01-09 15:51:52 NZDT by Neville Palmer
Updated	2018-03-31 11:12:04 NZDT by Neville Palmer
Location	-43.7357634, 171.1756067
Status	■ Retrieved
Geodetic Code	B8XL
Station Name	Whiterock
Station Height (m)	477.526
Station Height (ft)	1567

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.

Plates & Plaques

ID Plaque (bronze)	ID Plaque Installed during this visit
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 Notes	See GPS track on Nev's phone.
Access and Location Description	Turn off the Rangitata Gorge Road at Whiterock Station #2254 (look for large white mailbox about 1km North of Coal Hill). 100m from the road turn left into farm track, immediately before the house. Turn left immediately before first deer gate. Continue through second deer gate which is locked. Then past new house on the left. The track then passes to the north (left) of several small hills. Continue past the first hill and stop before the second hill which has an obvious rock crag (~50m high ~50m south of the farm track). Park in front of the rock crag. Walk towards gully between rock crag and the hill to the west (right) of it. Approx 50m from farm track turn right to pass large angular boulder (~2.5m high) and continue up ridge to rock outcrop at summit. Mark is located in the outcrop, approx 2m NE from the highest point. Marked with a bronze plaque and rock cairn.
Access vehicle	4WD
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	Whiterock Station
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Owner

Is the owner known?	Yes
Organisation or property name.	Whiterock Station
First Name	Ross & Sally
Last Name	Stevens
Phone	03 696 3746

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

B8XL, 2018-03-26, 15:17, GNS42, 5235K51834, NetR9, Trimble

Geodetic Code	B8XL
Station Name	Whiterock

Deployment

Observer(s)	Cyril Joureau, Neville Palmer
GNSS Receiver	GNS42, 5235K51834, NetR9, Trimble
GNSS Antenna	GNS42, 5000113048, 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

Antenna Height

Height Measured To	Bottom of Notch (Slant)
1st Notch Number	5
1st Height	1.093

2nd Notch Number	8
2nd Height	1.091
3rd Notch Number	3
3rd Height	1.092
Check Height Units	Decimal Inches
Check Height	43
Check Height Converted to Metres	1.0922

Start Time

Occupation Start Date (local)	2018-03-26
Occupation Start Time (local)	15:17
Occupation Start UTC	Mon, 26 Mar 2018 02:17:00 GMT
Year and DoY (UTC)	2018-085

Battery Details

Number of batteries deployed	One
ID of Battery 1	17E
Capacity of Battery 1 (Ahr)	34 Amp Hour
Voltage of Battery 1	12.71

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	17E
Voltage of Battery 1 at Deployment	12.71
Voltage of Battery 1 at Retrieval	11

End Time

Occupation End Date (local)	2018-03-31
Occupation End Time (local)	10:54
Occupation End UTC	Fri, 30 Mar 2018 21:54:00 GMT
Year and DoY (UTC)	2018-089

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)
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1st Notch Number	5
1st Height	1.093
2nd Notch Number	8
2nd Height	1.091
3rd Notch Number	2
3rd Height	1.092
Check Height Units	Decimal Inches
Check Height	42.97
Check Height Converted to Metres	1.0914
Average Height recorded at Deployment	1.092

Plumbing

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

Nev's phone, 18340850.T02, 18340890.T02

Current Station	B8XL - Whiterock
Station Occupation times (UTC)	Start: 02:17 DoY 2018-085 UTC End: 21:54 DoY 2018-089 UTC
ID of Download Device	Nev's phone
Downloaded by:	Neville Palmer
Download Date	2018-03-31
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	18340850.T02
Latest File Name Downloaded	18340890.T02
Total number of files downloaded.	5

Summary of Downloaded Files

Earliest Filenames Downloaded	18340850.T02
Latest Filenames Downloaded	18340890.T02
Numbers of files Downloaded	5

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.