

6709, LXVI (MOW)

Project	2018 CSI GPS
Created	2018-01-09 15:51:26 NZDT by Neville Palmer
Updated	2018-05-24 15:13:16 NZST by GeodeticTwo Tectonophysics
Location	-43.85894065, 170.1100663
Status	■ Retrieved
Geodetic Code	6709
Station Name	LXVI (MOW)
Station Height (m)	635.9798
Station Height (ft)	2087

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 concrete block, approx 30cm above ground. Marked by white post. Plaque set in top of concrete. The concrete block has a "now" brass plaque labeled "LXVI"

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	Wooden or Non-Standard Marker Post
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)	-0.25
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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	Seen us track on retrieval
Access and Location Description	On road to Mt Cook (SH80), 600m north of Bush Stream. Several hundred metres east of road along small ridge. Mark is on knob at end of the ridge by large Metagari bush. Mark located 0.6m from marker post.
Access vehicle	2WD
GNSS Suitability	Good

Cell Phone Network Coverage

Vodafone	Strong signal
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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:

Chris Pearson

Owner & Contact Details

Owner & Contact

Contact Details from the LINZ GDB

Owner/Contact

No Ownership Details Recorded

Address

No Ownership Details Recorded

Contact Comments

Access permission restrictions (to report in LINZ GDB)

No Reported Access Restrictions

Owner

Is the owner known?

Yes

First Name

-

Last Name

Road Reserve

Site Contact

Is the site contact person known?

Same as owner

Access Contact

Is the access contact person known?

Same as site contact

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

6709, 2018-01-25, 16:20, LINZ25, 0220267074, 5700, Trimble

Geodetic Code	6709
Station Name	LXVI (MOW)

Deployment

Observer(s)	Chris Pearson, Isaac Brennan
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)	22
Compass should read (magnetic bearing)	338
Aligned to True North	Yes

Antenna Height

Height Measured To	Bottom of Notch (Slant)
1st Notch Number	2
1st Height	0.732
2nd Notch Number	4
2nd Height	0.731
3rd Notch Number	7
3rd Height	0.731
Check Height Units	Decimal Feet
Check Height	2.4
Check Height Converted to Metres	0.7315

Start Time

Occupation Start Date (local)	2018-01-25
Occupation Start Time (local)	16:20
Occupation Start UTC	Thu, 25 Jan 2018 03:20:00 GMT
Year and DoY (UTC)	2018-025

Battery Details

Number of batteries deployed	One
ID of Battery 1	08s gns
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	12.63

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	08s gns
Voltage of Battery 1 at Deployment	12.63
Voltage of Battery 1 at Retrieval	11.28

End Time

Occupation End Date (local)	2018-01-29
Occupation End Time (local)	08:50
Occupation End UTC	Sun, 28 Jan 2018 19:50:00 GMT
Year and DoY (UTC)	2018-028

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	2
1st Height	0.73
2nd Notch Number	7
2nd Height	0.73
3rd Notch Number	4
3rd Height	0.7305
Check Height Units	Decimal Inches
Check Height	28.8
Check Height Converted to Metres	0.7315
Average Height recorded at Deployment	0.7313

Plumbing

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

Eds03, 70740250.t01, 70740280.t01

Current Station	6709 - LXVI (MOW)
Station Occupation times (UTC)	Start: 03:20 DoY 2018-025 UTC End: 19:50 DoY 2018-028 UTC
ID of Download Device	Eds03
Downloaded by:	Chris Pearson
Download Date	2018-01-29
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	70740250.t01
Latest File Name Downloaded	70740280.t01
Total number of files downloaded.	4

Summary of Downloaded Files

Earliest Filenames Downloaded	70740250.t01
Latest Filenames Downloaded	70740280.t01
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.