

B8XJ, Godley Lakes

Project	2018 CSI GPS
Created	2018-01-09 15:51:52 NZDT by Neville Palmer
Updated	2018-03-30 15:39:45 NZDT by GeodeticOne Tectonophysics
Location	-43.48546708, 170.5107916
Status	■ Retrieved
Geodetic Code	B8XJ
Station Name	Godley Lakes
Station Height (m)	1369.1943
Station Height (ft)	4492

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.
Additional mark or site notes (GNS use only)	Dynabolts should be installed next time (March 2018)

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 at the head of the Godley Valley. The site is located in a broad ledge on the ridge between Fitzgerald and Separation Stream. From the south the site will be obvious as a flat area on the North flanks of the ridge. A well defined low ridge follows the side of Separation Stream below the start of the main ridge. At the point that this ridge hits the edge of the shelf, there is a big dome shaped outcrop of orange rock. The site is located in a flat slab about 1m South of the dome. The site overlooks Fitzgerald Stream and the lower Godley lake. To find the site fly along the slope break above Separation Stream. Site is located at Eastern end just before the steep slope into the Godley Valley.

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 1186

Address

PO Box 5, Mount Cook, Mount Cook National Park,

Owner

Is the owner known?

Yes

First Name

-

Last Name

Aoraki Area Office

Address

PO Box 5, Mount Cook, Mount Cook National Park,

Phone

03 435 1186

Email

mtcookvc@doc.govt.nz

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:	Neville Palmer

Occupations

B8XJ, 2018-03-28, 16:43, OU13, 0220308726, 5700, Trimble

Geodetic Code	B8XJ
Station Name	Godley Lakes

Deployment

Observer(s)	Cyril Joureau, Neville Palmer
GNSS Receiver	OU13, 0220308726, 5700, Trimble
GNSS Antenna	OU13, 12545551, 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
Compass should read (magnetic bearing)	336
Aligned to True North	Yes

Antenna Height

Height Measured To	Bottom of Notch (Slant)
1st Notch Number	8
1st Height	0.962
2nd Notch Number	3
2nd Height	0.963
3rd Notch Number	6
3rd Height	0.963
Check Height Units	Decimal Inches
Check Height	37.9
Check Height Converted to Metres	0.9627

Start Time

Occupation Start Date (local)	2018-03-28
Occupation Start Time (local)	16:43
Occupation Start UTC	Wed, 28 Mar 2018 03:43:00 GMT
Year and DoY (UTC)	2018-087

Battery Details

Number of batteries deployed	One
ID of Battery 1	08L
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	12.78

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?	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	08L
Voltage of Battery 1 at Deployment	12.78
Voltage of Battery 1 at Retrieval	11.95

End Time

Occupation End Date (local)	2018-03-30
Occupation End Time (local)	11:08
Occupation End UTC	Thu, 29 Mar 2018 22:08:00 GMT
Year and DoY (UTC)	2018-088

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	8
1st Height	0.962
2nd Notch Number	3
2nd Height	0.963
3rd Notch Number	6
3rd Height	0.964
Check Height Units	Decimal Inches
Check Height	37.92
Check Height Converted to Metres	0.9632
Average Height recorded at Deployment	0.9627

Plumbing

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

EDS29, 87260870.t01, 87260880.t01

Current Station	B8XJ - Godley Lakes
Station Occupation times (UTC)	Start: 03:43 DoY 2018-087 UTC End: 22:08 DoY 2018-088 UTC
ID of Download Device	EDS29
Downloaded by:	Cyril Joureau
Download Date	2018-03-30
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	87260870.t01
Latest File Name Downloaded	87260880.t01
Total number of files downloaded.	2

Summary of Downloaded Files

Earliest Filenames Downloaded	87260870.t01
Latest Filenames Downloaded	87260880.t01
Numbers of files Downloaded	2

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.