

B8XE, Lake Camp

Project	2018 CSI GPS
Created	2018-01-09 15:51:51 NZDT by Neville Palmer
Updated	2018-05-25 14:30:33 NZST by GeodeticTwo Tectonophysics
Location	-43.61032189, 171.0621173
Status	■ Retrieved
Geodetic Code	B8XE
Station Name	Lake Camp
Station Height (m)	725.1564
Station Height (ft)	2379

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 buried boulder.
Additional mark or site notes (GNS use only)	Mark may be difficult to locate on rock due to lichen.

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
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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)	-0.15
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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

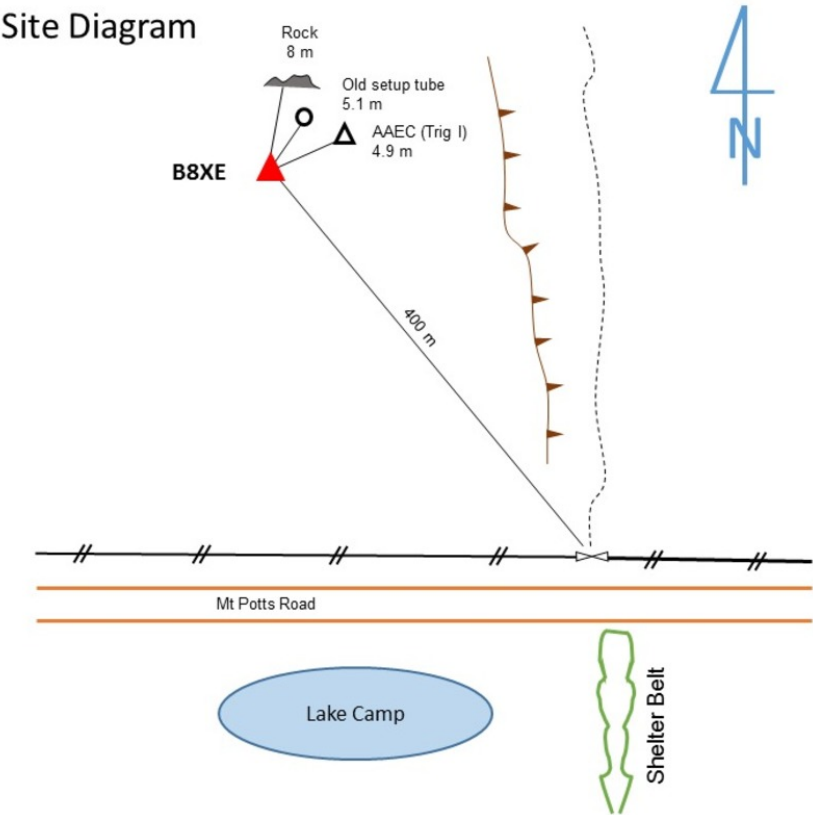


Diagram Notes	site diagram updated
Access and Location Description	Located off Hakatere to Mt Potts Road by Lake Clearwater. On Hakatere Potts Rd, 8.1km from Hakatere Heron Rd intersection, stop at pedestrian gate on north (right) side of road just East of Lake Camp. The gate is signposted "Hakatere Conservation Park" and is opposite the 1st stand of pine trees (shelter belt) on LHS as you approach Lake Clearwater Village. The mark is ~400m walk from the gate towards the NW, near the eastern end of the terrace and not visible from the road. It is set into a buried boulder that protrudes a few cm above the ground surface on a local high point ~5m west of trig I (AAEC). Iron tube still exists but Allison beacon is now in ruin.
Additional access notes (GNS use only)	Jan 2018: Rock and mark covered in lichen. In the future, may have to scratch off lichen to find mark.
Access vehicle	Walk
GNSS Suitability	Good

Cell Phone Network Coverage

Spark	No signal or unreliable signal
Vodafone	Network signal not tested
2 Degrees	No signal or unreliable signal

Verification

Have all site & access fields above been updated or verified to be correct?	Yes
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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:	Jean-Louis Morrison

Owner & Contact Details

Owner & Contact

Contact Details from the LINZ GDB

Owner/Contact	DoC - Canterbury Conservancy
Phone	03 693 1010
Address	North Terrace, PO Box 33, Geraldine,

Contact Comments

Access permission restrictions (to report in LINZ GDB)	It is of no benefit to use the 4WD track north of the mark along the edge of Lake Clearwater as DoC have prohibited the use of the portion that approaches the mark.
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Owner

Is the owner known?	Yes
First Name	–
Last Name	Ruakapuka Area Office
Address	North Terrace, PO Box 33, Geraldine,
Phone	03 693 1010

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:	Jean-Louis Morrison

Occupations

B8XE, 2018-01-25, 13:20, OU31, 4831K32710, R7 GNSS, Trimble

Geodetic Code	B8XE
Station Name	Lake Camp

Deployment

Observer(s)	Jean-Louis Morrison, Paul Denys
GNSS Receiver	OU31, 4831K32710, R7 GNSS, Trimble
GNSS Antenna	OU31, 23534382, 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
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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	3
1st Height	0.835
2nd Notch Number	5
2nd Height	0.835
3rd Notch Number	7
3rd Height	0.834
Check Height Units	Decimal Feet
Check Height	2.734
Check Height Converted to Metres	0.8333

Start Time

Occupation Start Date (local)	2018-01-25
Occupation Start Time (local)	13:20
Occupation Start UTC	Thu, 25 Jan 2018 00:20:00 GMT
Year and DoY (UTC)	2018-025

Battery Details

Number of batteries deployed	One
ID of Battery 1	18B
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	13

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

2018-01-25

Geodetic Code	B8XE
Occupation Period	2018-025_2018-028
Event logged by:	Paul Denys
Event Date	2018-01-25
Event Time	13:13
UTC time	Thu, 25 Jan 2018 00:13:00 GMT
Year and DoY (UTC)	2018-025
Event Comments	Pin in rock, top of pin is ~0.15m above surrounding Earth in the rock.

Retrieval

Observer(s)	Paul Denys, Jean-Louis Morrison
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	18B
Voltage of Battery 1 at Deployment	13
Voltage of Battery 1 at Retrieval	13.4

End Time

Occupation End Date (local)	2018-01-29
Occupation End Time (local)	11:29
Occupation End UTC	Sun, 28 Jan 2018 22:29:00 GMT
Year and DoY (UTC)	2018-028

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	0.833
2nd Notch Number	3
2nd Height	0.833
3rd Notch Number	8
3rd Height	0.831
Check Height Units	Decimal Inches
Check Height	32.72
Check Height Converted to Metres	0.8311
Average Height recorded at Deployment	0.8347

Plumbing

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

HP PD Laptop, 27100250.t01, 27100280.t01

Current Station	B8XE - Lake Camp
Station Occupation times (UTC)	Start: 00:20 DoY 2018-025 UTC End: 22:29 DoY 2018-028 UTC
ID of Download Device	HP PD Laptop
Downloaded by:	Paul Denys
Download Date	2018-01-29
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	27100250.t01
Latest File Name Downloaded	27100280.t01
Total number of files downloaded.	4

Summary of Downloaded Files

Earliest Filenames Downloaded	27100250.t01
Latest Filenames Downloaded	27100280.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.