

B8L1, SC 67

Project	2018 CSI GPS
Created	2018-01-09 15:51:44 NZDT by Neville Palmer
Updated	2018-05-25 13:41:04 NZST by GeodeticTwo Tectonophysics
Location	-43.95572058, 169.3159979
Status	■ Retrieved
Deployment Status Comment	check benchmark finder diagram distances.
Geodetic Code	B8L1
Station Name	SC 67
Station Height (m)	86.3004
Station Height (ft)	283

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. SS Pin set in concrete pyramid, 0.2m above GL.

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
-------------	-------------

Height Details (all in metres)

Mark Ground Level Relationship in metres (+ve below GL / -ve above GL)	-0.2
--	------

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
---	-----

Site & Access Details

Diagram

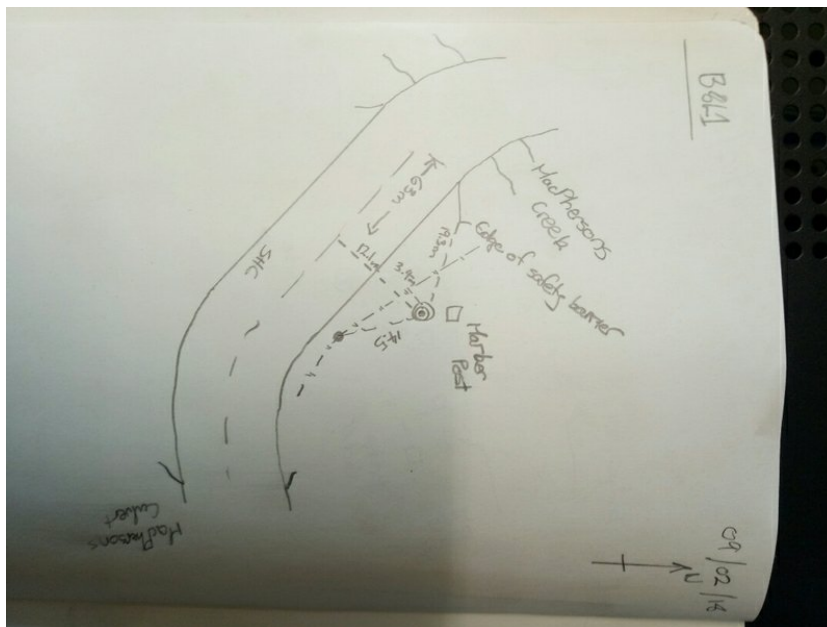


Diagram Notes	GNS FB04
Access and Location Description	On northern side of S.H.6, adjacent to McPherson Creek, 0.75km from SC66.
Access vehicle	2WD
GNSS Suitability	Good

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

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	Road Reserve
---------------	--------------

Owner

Is the owner known?	Yes
---------------------	-----

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:	Jean-Louis Morrison
-------------	---------------------

Occupations

B8L1, 2018-02-04, 14:20, OU31, 4831K32710, R7 GNSS, Trimble

Geodetic Code	B8L1
---------------	------

Station Name	SC 67
--------------	-------

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
-------------------	-----

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	7
1st Height	0.736
2nd Notch Number	4
2nd Height	0.737
3rd Notch Number	2
3rd Height	0.735
Check Height Units	Decimal Inches
Check Height	28.91
Check Height Converted to Metres	0.7343

Start Time

Occupation Start Date (local)	2018-02-04
Occupation Start Time (local)	14:20
Occupation Start UTC	Sun, 04 Feb 2018 01:20:00 GMT
Year and DoY (UTC)	2018-035

Battery Details

Number of batteries deployed	One
ID of Battery 1	18B
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	12.92

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

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	12.92
Voltage of Battery 1 at Retrieval	12.1

End Time

Occupation End Date (local)	2018-02-09
Occupation End Time (local)	11:27
Occupation End UTC	Thu, 08 Feb 2018 22:27:00 GMT
Year and DoY (UTC)	2018-039

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	7
1st Height	0.736
2nd Notch Number	2
2nd Height	0.735
3rd Notch Number	4
3rd Height	0.737
Check Height Units	Decimal Inches
Check Height	29.01
Check Height Converted to Metres	0.7369
Average Height recorded at Deployment	0.736

Plumbing

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

HP Laptop (PD) , 27100350.t01, 27100390.t01

Current Station	B8L1 - SC 67
Station Occupation times (UTC)	Start: 01:20 DoY 2018-035 UTC End: 22:27 DoY 2018-039 UTC
ID of Download Device	HP Laptop (PD)
Downloaded by:	Paul Denys
Download Date	2018-02-09
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	27100350.t01
Latest File Name Downloaded	27100390.t01
Total number of files downloaded.	5
Optional Comment	Rx appears to create 2 files per day (one normal size, the second small)

Summary of Downloaded Files

Earliest Filenames Downloaded	27100350.t01
Latest Filenames Downloaded	27100390.t01
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.