

B8XF, Jumped up Nose

Project	2018 CSI GPS
Created	2018-01-09 15:51:51 NZDT by Neville Palmer
Updated	2018-05-25 14:50:33 NZST by GeodeticTwo Tectonophysics
Location	-43.52110881, 170.8495637
Status	■ Retrieved
Geodetic Code	B8XF
Station Name	Jumped up Nose
Station Height (m)	593.9621
Station Height (ft)	1949

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.

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

Height Details (all in metres)

Mark Ground Level Relationship in metres (+ve below GL / -ve above GL)	0
--	---

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

Access and Location Description	A Village). 1.0km Ford Caroline Stream. 1.4km At 90° RH bend in main station road, turn 90° LEFT thru gate (usually locked) and follow track across paddock. 1.9km Thru 2nd gate. Follow track across river gravels & round the end of "Jumped up Downs". 2.7km The site is the first piece of flattish (dipping 20 degrees) rock outcrop that you pass after rounding the nose of Jumped up Downs. ~350m from major nose.
Additional access notes (GNS use only)	Access notes got messed up in field leave as is!!!!!!
Access vehicle	4WD
GNSS Suitability	Good

Cell Phone Network Coverage

Spark	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:	Chris Pearson

Owner & Contact Details

Owner & Contact

Contact Details from the LINZ GDB

Owner/Contact	Erewhon Station
Phone	03 3039739

Contact Comments

Access permission restrictions (to report in LINZ GDB)	There is a locked gate which may be left open on request.
--	---

Owner

Is the owner known?	Yes
First Name	Christine
Last Name	Drummond
Phone	03 3039739

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

B8XF, 2018-02-02, 03:29, LINZ25, 0220267074, 5700, Trimble

Geodetic Code	B8XF
Station Name	Jumped up Nose

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	3
1st Height	1.02
2nd Notch Number	6
2nd Height	1.02
3rd Notch Number	1
3rd Height	1.021
Check Height Units	Decimal Inches
Check Height	40.15
Check Height Converted to Metres	1.0198

Start Time

Occupation Start Date (local)	2018-02-02
Occupation Start Time (local)	03:29
Occupation Start UTC	Thu, 01 Feb 2018 14:29:00 GMT
Year and DoY (UTC)	2018-032

Battery Details

Number of batteries deployed	Two
ID of Battery 1	08b
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	12.6
ID of Battery 2	No label
Capacity of Battery 2 (Ahr)	24 Amp Hour
Voltage of Battery 2	12.9

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

2018-05-25

Geodetic Code	B8XF
Occupation Period	2018-032_2018-036
Event logged by:	Rory Hart
Event Date	2018-05-25
Event Time	14:46
UTC time	Fri, 25 May 2018 02:46:00 GMT
Year and DoY (UTC)	2018-145
Event Comments	The first two files from this deployment were on a data card that seems to have been corrupted. It was not possible to retrieve these first two files (70740330.t01 and 70740340.t01). The card had subsequently been destroyed. The remaining two files 70740350.t01 and 70740360.t01 are used for RINEX processing.

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	08b
Voltage of Battery 1 at Deployment	12.6
Voltage of Battery 2 at Deployment	12.9
Voltage of Battery 1 at Retrieval	11.8
ID of Battery 2	No label
Voltage of Battery 2 at Retrieval	12.69

End Time

Occupation End Date (local)	2018-02-06
Occupation End Time (local)	09:53
Occupation End UTC	Mon, 05 Feb 2018 20:53:00 GMT
Year and DoY (UTC)	2018-036

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	3
1st Height	1.019
2nd Notch Number	6
2nd Height	1.019
3rd Notch Number	1
3rd Height	1.02
Check Height Units	Decimal Inches
Check Height	40.105
Check Height Converted to Metres	1.0187
Average Height recorded at Deployment	1.0203

Plumbing

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

Gns3, 70740350.t01, 70740360.t01

Current Station	B8XF - Jumped up Nose
Station Occupation times (UTC)	Start: 14:29 DoY 2018-032 UTC End: 20:53 DoY 2018-036 UTC
ID of Download Device	Gns3
Downloaded by:	Chris Pearson
Download Date	2018-02-06
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	70740350.t01
Latest File Name Downloaded	70740360.t01

Total number of files downloaded.	2
Optional Comment	Some weird files on the card for example (70749988.t01). The ones from this occupation look normal though.

Summary of Downloaded Files

Earliest Filenames Downloaded	70740350.t01
Latest Filenames Downloaded	70740360.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.