

1115, A Gawler Downs

Project	2018 CSI GPS
Created	2018-01-09 15:51:23 NZDT by Neville Palmer
Updated	2018-02-15 20:42:23 NZDT by Neville Palmer
Location	-43.74704049, 171.3608515
Status	 Retrieved
Geodetic Code	1115
Station Name	A Gawler Downs
Station Height (m)	651.4641
Station Height (ft)	2137

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 cemented into 50mm diameter IT

Plates & Plaques

ID Plaque (bronze)	ID Plaque Exists
ID Plate (aluminium)	ID Plate Exists
Information Plate (aluminium)	Info Plate Exists

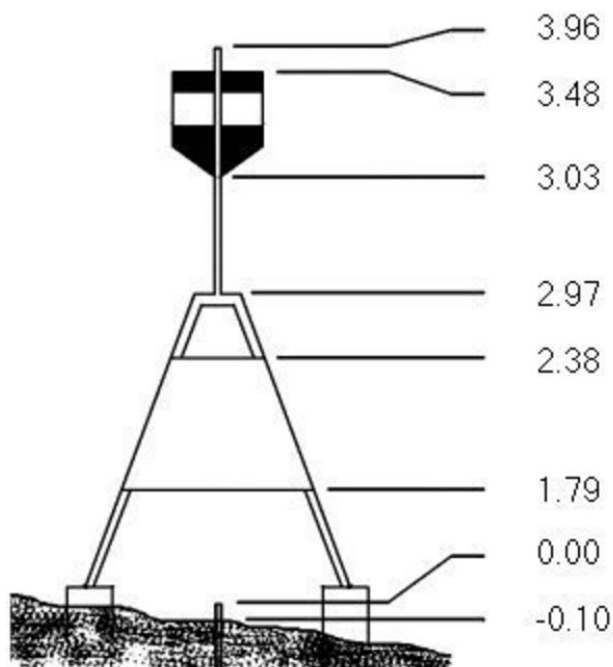
Protection

Primary Protection	3m or 4m Beacon
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Beacon Details

Beacon Type	3m or 4m Wooden Beacon
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Existing Beacon Diagram (read only).



Beacon Eccentricity

Previously Recorded Eccentricity	Central
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Height Details (all in metres)

Mark Ground Level Relationship in metres (+ve below GL / -ve above GL)	-0.128
Top of Vane or Black Strip	3.48
Bottom of Vane or Black Strip	3.03
Top of Head or Apex	2.97
Top of Side Panels	2.38
Bottom of Side Panels	1.79

Maintenance Completed and Required

Mark Maintenance Completed	No
Beacon Maintenance Completed	No
Protection Maintenance Completed	No
Mark Maintenance Required	No
Beacon Maintenance Required	Yes
Description	Mast broken at top of head. It is still attached but may break off. Base of legs are rotting.
Protection Maintenance Required	No

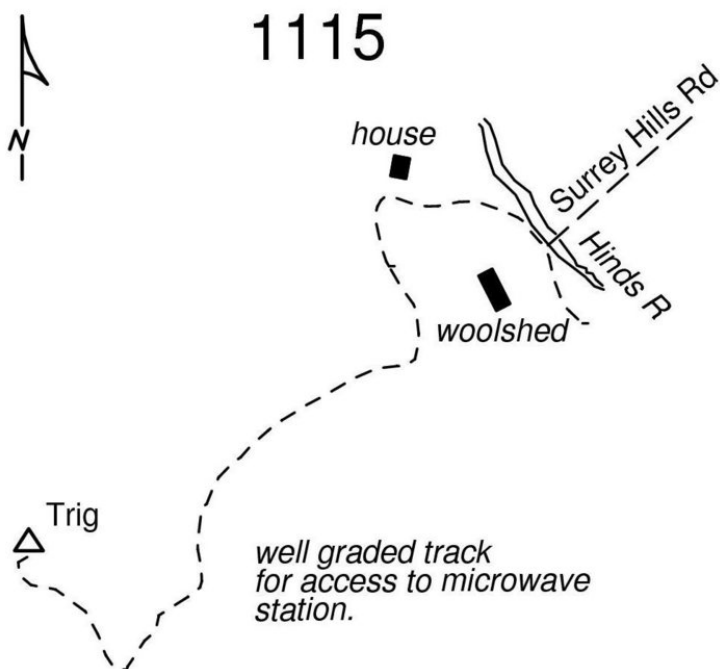
Verification

Have all mark and protection fields above been updated or verified to be correct?

Yes

Site & Access Details

Diagram



Access and Location Description

Turn into Surrey Hills Rd from the Arunde- Rakia Gorge Rd (SH72). At the end of the road, turn right and continue past Surrey Hills Sation homestead. Follow track to BCL tower and trig. Track is well formed, but steep and rough in places.

Access vehicle

4WD

GNSS Suitability

Good

Cell Phone Network Coverage

Spark

Strong signal

Vodafone

Network signal not tested

2 Degrees

Strong signal

Verification

Have all site & access fields above been updated or verified to be correct?

Yes

Photographs

Existing Photo or Site Image

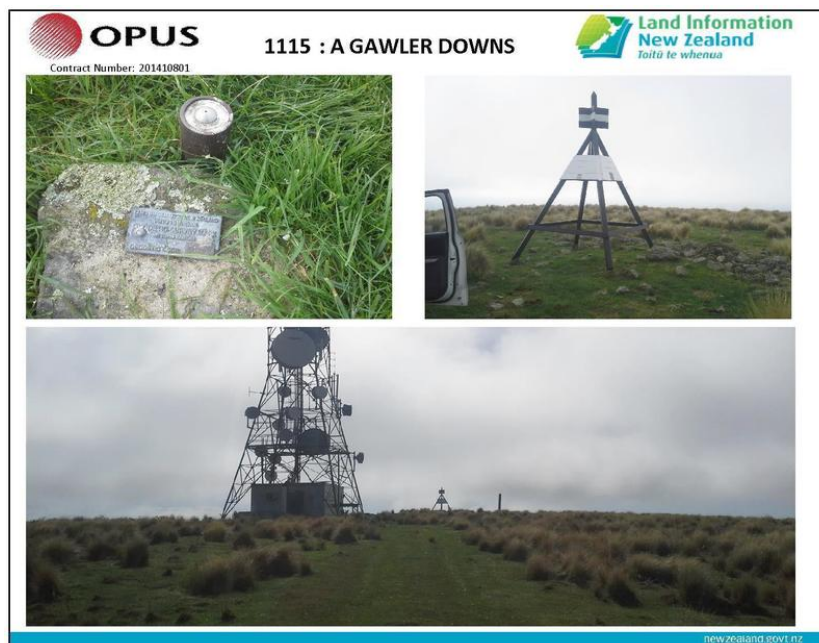


Photo of Survey Mark



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	Surrey Hills Station Ltd (Paul R and Sara GRIGG)
Phone	03 303 9822
Address	Surrey Hills Station. RD1 Ashburton 7778

Contact Comments

Access permission restrictions (to report in LINZ GDB)	Ring before access
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Owner

Is the owner known?	Yes
First Name	Paul
Last Name	Grigg
Address	RD 1, Ashburton,
Phone	03 303 9822
Mobile Phone	021 525 229

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

1115, 2018-01-25, 15:10, OU10, 0220311803, 5700, Trimble

Geodetic Code	1115
Station Name	A Gawler Downs

Deployment

Observer(s)	Jean-Louis Morrison, Paul Denys
GNSS Receiver	OU10, 0220311803, 5700, Trimble
GNSS Antenna	OU10, 12460525, 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	3
1st Height	0.832
2nd Notch Number	5
2nd Height	0.832
3rd Notch Number	7
3rd Height	0.832
Check Height Units	Decimal Feet
Check Height	2.73
Check Height Converted to Metres	0.8321

Start Time

Occupation Start Date (local)	2018-01-25
Occupation Start Time (local)	15:10
Occupation Start UTC	Thu, 25 Jan 2018 02:10:00 GMT
Year and DoY (UTC)	2018-025

Battery Details

Number of batteries deployed	One
ID of Battery 1	OU 12B
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.

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	OU 12B
Voltage of Battery 1 at Deployment	13
Voltage of Battery 1 at Retrieval	13

End Time

Occupation End Date (local)	2018-01-29
Occupation End Time (local)	16:48

Occupation End UTC	Mon, 29 Jan 2018 03:48:00 GMT
Year and DoY (UTC)	2018-029

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	0.83
2nd Notch Number	7
2nd Height	0.83
3rd Notch Number	2
3rd Height	0.83
Check Height Units	Decimal Inches
Check Height	32.7
Check Height Converted to Metres	0.8306
Average Height recorded at Deployment	0.832

Plumbing

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

HP pd laptop , 18030250.t01, 18030280.t01

Current Station	1115 - A Gawler Downs
Station Occupation times (UTC)	Start: 02:10 DoY 025 UTC End: 03:48 DoY 029 UTC
ID of Download Device	HP pd laptop
Download Date	2018-01-29
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	18030250.t01
Latest File Name Downloaded	18030280.t01
Total number of files downloaded.	4

Summary of Downloaded Files

Earliest Filenames Downloaded	18030250.t01
Latest Filenames Downloaded	18030280.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.