

1108, F Waitohi Hill

Project	2018 CSI GPS
Created	2018-01-09 15:51:22 NZDT by Neville Palmer
Updated	2018-02-15 20:02:11 NZDT by Neville Palmer
Location	-44.09101742, 171.1030731
Status	 Retrieved
Geodetic Code	1108
Station Name	F Waitohi Hill
Station Height (m)	707.4142
Station Height (ft)	2321

Mark, Site & Photo Details

Mark & Protection Details

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 in concrete replacing 50mm iron tube in stone block. Block reported slightly unstable - see 6640-02-C3 of 19/6/97.

Plates & Plaques

ID Plaque (bronze)	ID Plaque Exists
ID Plate (aluminium)	ID Plate Exists
Information Plate (aluminium)	Info Plate does Not Exist and was Not Installed

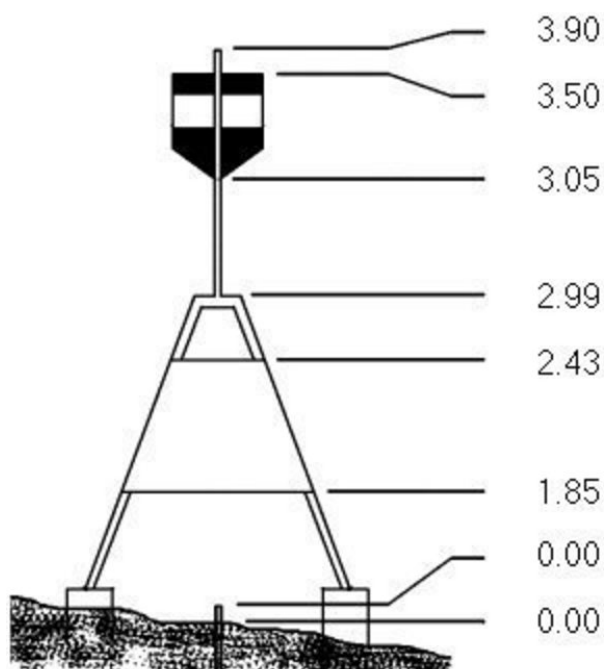
Protection

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
Top of Vane or Black Strip	3.5
Bottom of Vane or Black Strip	3.05
Top of Head or Apex	2.99
Top of Side Panels	2.43
Bottom of Side Panels	1.85

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	Legs bay rotten. Beacon needs to be replaced
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

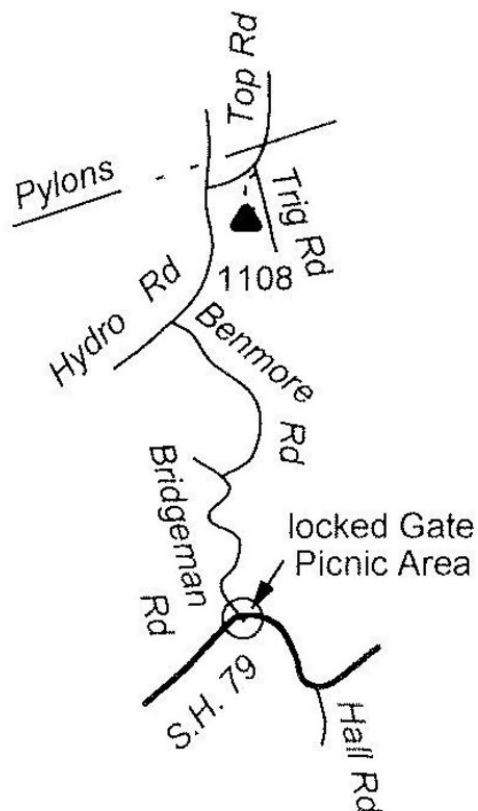


Diagram Notes	SEE LOCUS GPS TRACK
Access and Location Description	Take SH79 from Geraldine & turn right onto Patrick Rd (key required for gate). Follow Patrick Rd and then Trig Rd. The track to the trig is 2 pylons west of summit of hill.
Additional access notes (GNS use only)	Small antenna by mark
Access vehicle	4WD
GNSS Suitability	Good

Cell Phone Network Coverage

Spark	Strong signal
2 Degrees	Network signal not tested

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:	Chris Pearson

Owner & Contact Details

Owner & Contact

Contact Details from the LINZ GDB

Owner/Contact	Blakely Pacific Ltd
Phone	Derick Borrows 027 4416510 or 03 4395665
Address	Cox Street (2 doors nth of North Terrace), Geraldine,

Contact Comments

Access permission restrictions (to report in LINZ GDB)	Locked gate. Key required from Derek Burrows.
Additional comments relating to owner or contact details. (GNS use only.)	Oamaru office 03 686 6791

Owner

Is the owner known?	Yes
Organisation or property name.	Port Blakely Ltd
First Name	Andrew
Last Name	Cocking
Position (eg owner, manager, lesee, tenant, etc)	Manager
Address	,
Phone	03 6882173
Email	Acocking@portblakely.com

Site Contact

Is the site contact person known?	Yes
Organisation or property name.	Lol all agent
First Name	Allen
Last Name	Martin
Position (eg owner, manager, lesee, tenant, etc)	Harvesting and roasting manager
Phone	0272004910
Mobile Phone	0272004910
Email	Amartin@portbakley.com

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:	Chris Pearson

Occupations

1108, 2018-02-01, 13:52, GNS35, 5130K77167, NetR9, Trimble

Geodetic Code	1108
Station Name	F Waitohi Hill

Deployment

Observer(s)	Chris Pearson, Isaac Brennan
GNSS Receiver	GNS35, 5130K77167, NetR9, Trimble
GNSS Antenna	GNS35, 1441137889, 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)	22
Compass should read (magnetic bearing)	338
Aligned to True North	Yes

Antenna Height

Height Measured To	Bottom of Notch (Slant)
1st Notch Number	8

1st Height	0.912
2nd Notch Number	5
2nd Height	0.911
3rd Notch Number	2
3rd Height	0.912
Check Height Units	Decimal Inches
Check Height	35.9
Check Height Converted to Metres	0.9119

Start Time

Occupation Start Date (local)	2018-02-01
Occupation Start Time (local)	13:52
Occupation Start UTC	Thu, 01 Feb 2018 00:52:00 GMT
Year and DoY (UTC)	2018-032

Battery Details

Number of batteries deployed	One
ID of Battery 1	17m
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)	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	17m
Voltage of Battery 1 at Deployment	12.78
Voltage of Battery 1 at Retrieval	11.03

End Time

Occupation End Date (local)	2018-02-05
Occupation End Time (local)	13:37
Occupation End UTC	Mon, 05 Feb 2018 00:37:00 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	5

1st Height	0.913
2nd Notch Number	8
2nd Height	0.912
3rd Notch Number	2
3rd Height	0.9125
Check Height Units	Decimal Inches
Check Height	35.95
Check Height Converted to Metres	0.9131
Average Height recorded at Deployment	0.9117

Plumbing

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

Gns3, 5130K77167201802010000B.T02, 5130K77167201802050000B.T02

Current Station	1108 - F Waitohi Hill
Station Occupation times (UTC)	Start: 00:52 DoY 032 UTC End: 00:37 DoY 036 UTC
ID of Download Device	Gns3
Download Date	2018-02-05
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	5130K77167201802010000B.T02
Latest File Name Downloaded	5130K77167201802050000B.T02
Total number of files downloaded.	97
Optional Comment	High rate 15 s data not stored properly

Summary of Downloaded Files

Earliest Filenames Downloaded	5130K77167201802010000B.T02
Latest Filenames Downloaded	5130K77167201802050000B.T02
Numbers of files Downloaded	97

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.