

A071, Haast FMP B

Project	2018 CSI GPS
Created	2018-01-09 15:51:34 NZDT by Neville Palmer
Updated	2018-02-15 23:01:59 NZDT by Neville Palmer
Location	-43.91096847, 169.0744955
Status	■ Retrieved
Geodetic Code	A071
Station Name	Haast FMP B
Station Height (m)	24.0665
Station Height (ft)	79

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 block 0.6x0.6x1.35 deep, 0.05m below GL. Mark has galvanised steel rails for mounting EDS tower. Founded in silt & fine gravel.

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)	0.05
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Maintenance Completed and Required

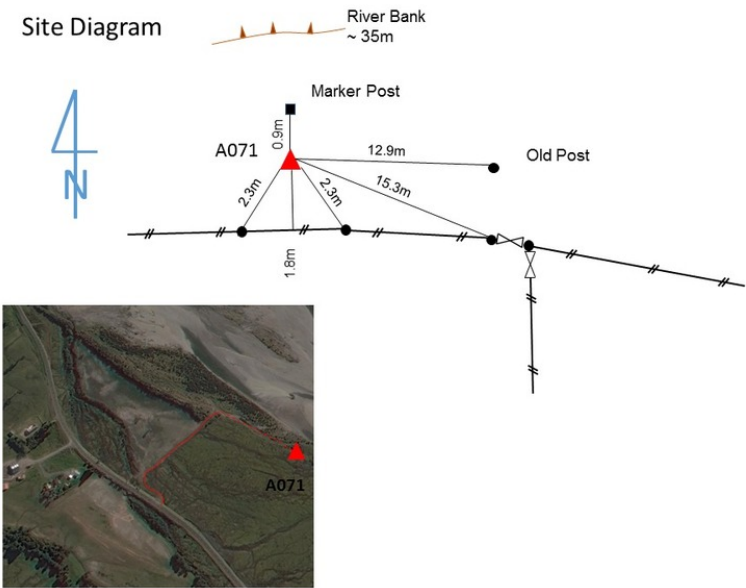
Mark Maintenance Completed	No
Beacon Maintenance Completed	No
Protection Maintenance Completed	No
Mark Maintenance Required	Yes
Description	No ID plaque
Beacon Maintenance Required	No
Protection Maintenance Required	Yes
Description	Install a marker post

Verification

Have all mark and protection fields above been updated or verified to be correct?	Yes
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Site & Access Details

Diagram



Access and Location Description	State Highway 6, 4.3 km south of Haast township. Located on the north side of SH6 across, paddocks towards the Haast River. Access is through gates located about 100 m South East of the Snapshot Creek culvert. Tracked is a well defined metaled farm track on the northern side of SH6. Go through gate and follow track along fence line towards the Haast River. At the second fence/gate walk approximately 200m upstream following fence line. Alternately, if conditions are dry, it may be possible to cross the paddock diagonally in a 4WD. Mark is located near the eastern (upstream) corner of paddock on the Haast River side of the fence.
Access vehicle	2WD/4WD
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:	Paul Denys

Owner & Contact Details

Owner & Contact

Contact Details from the LINZ GDB

Owner/Contact	No Ownership Details Recorded
Address	No Ownership Details Recorded

Contact Comments

Access permission restrictions (to report in LINZ GDB)	Contact owner before accessing site
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Owner

Is the owner known?	Yes
First Name	John
Last Name	Cowen
Position (eg owner, manager, lesee, tenant, etc)	Owner
Phone	03 750 0701

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:	Paul Denys

Occupations

A071, 2018-02-05, 16:02, OU11, 0220308738, 5700, Trimble

Geodetic Code	A071
Station Name	Haast FMP B

Deployment

Observer(s)	Paul Denys, Jean-Louis Morrison
GNSS Receiver	OU11, 0220308738, 5700, Trimble
GNSS Antenna	OU11, 12467591, 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	6
1st Height	0.997
2nd Notch Number	3
2nd Height	0.997
3rd Notch Number	8
3rd Height	0.997
Check Height Units	Decimal Inches
Check Height	39.25
Check Height Converted to Metres	0.997

Start Time

Occupation Start Date (local)	2018-02-05
Occupation Start Time (local)	16:02
Occupation Start UTC	Mon, 05 Feb 2018 03:02:00 GMT
Year and DoY (UTC)	2018-036

Battery Details

Number of batteries deployed	One
ID of Battery 1	OU 17G
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	12.6

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

Retrieval

Observer(s)	Jean-Louis Morrison, Paul Denys
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 17G
Voltage of Battery 1 at Deployment	12.6
Voltage of Battery 1 at Retrieval	13

End Time

Occupation End Date (local)	2018-02-09
Occupation End Time (local)	10:19
Occupation End UTC	Thu, 08 Feb 2018 21:19:00 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	8
1st Height	0.995
2nd Notch Number	5
2nd Height	0.996
3rd Notch Number	3
3rd Height	0.996
Check Height Units	Decimal Inches
Check Height	39.25
Check Height Converted to Metres	0.997

Average Height recorded at Deployment	0.997
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Plumbing

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

HP Laptop (PD) , 87380360.t01, 87380390.t01

Current Station	A071 - Haast FMP B
Station Occupation times (UTC)	Start: 03:02 DoY 036 UTC End: 21:19 DoY 039 UTC
ID of Download Device	HP Laptop (PD)
Download Date	2018-02-09
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	87380360.t01
Latest File Name Downloaded	87380390.t01
Total number of files downloaded.	4

Summary of Downloaded Files

Earliest Filenames Downloaded	87380360.t01
Latest Filenames Downloaded	87380390.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.