

EEJG, Dip Creek

Project	2018 CSI GPS
Created	2018-01-09 15:51:55 NZDT by Neville Palmer
Updated	2018-05-22 09:40:13 NZST by GeodeticOne Tectonophysics
Location	-44.5204017, 170.708617
Status	■ Retrieved
Geodetic Code	EEJG
Station Name	Dip Creek
Station Height (m)	449.3137
Station Height (ft)	1474

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. 12mm SS Pin set in rock.

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 Beaconed
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Height Details (all in metres)

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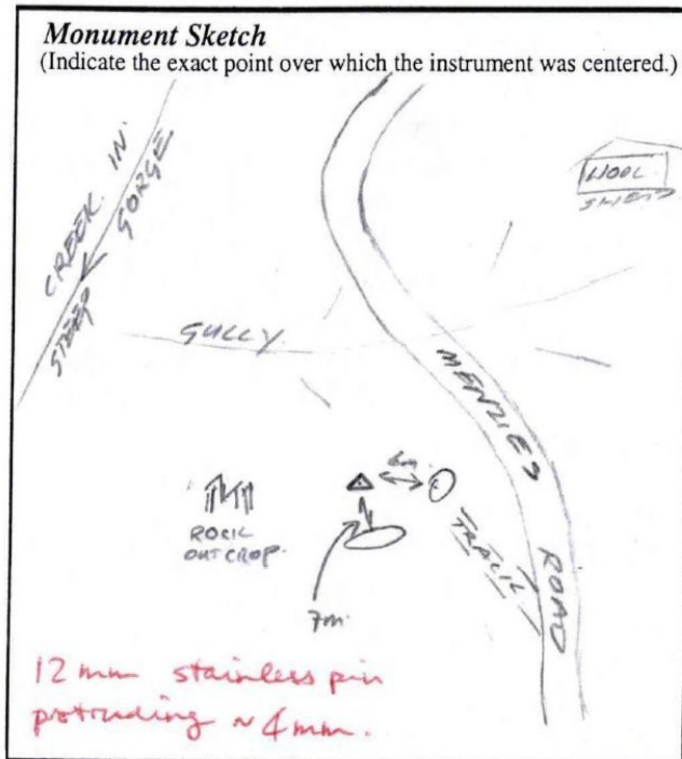
Maintenance Completed and Required

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
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Site & Access Details



Access and Location Description

Mark is situated on a ground level rock outcrop, on north side of Menzies Rd. Wool shed is visible to the east. From Hakataramea Valley Rd, cross Hakataramea River at Cattle Creek. Turn right onto Menzies Rd (0.0km) and follow to Wairua Downs. From bridge at Wairua Downs (2.45km) follow Menzies Rd for 0.45km to mark on left just after crest of hill

Additional access notes (GNS use only)

Locus us GPS track to farm house

Access vehicle

2WD

GNSS Suitability

Good

Cell Phone Network Coverage

Spark

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:	Chris Pearson

Owner & Contact Details

Owner & Contact

Contact Details from the LINZ GDB

Owner/Contact	Lance Small
Phone	03 436 0486

Contact Comments

Access permission restrictions (to report in LINZ GDB)	Similar travel time via Menzies Pass or Waimate (Waimate is further on a faster road).
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Owner

Is the owner known?	Yes
First Name	Lance
Last Name	Small
Phone	03 436 0486

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:	Chris Pearson

Occupations

EEJG, 2018-01-31, 11:19, GNS17, 0220325940, 5700, Trimble

Geodetic Code	EEJG
Station Name	Dip Creek

Deployment

Observer(s)	Chris Pearson, Isaac Brennan
GNSS Receiver	GNS17, 0220325940, 5700, Trimble
GNSS Antenna	GNS17, 12545600, 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	5
1st Height	1.14
2nd Notch Number	8
2nd Height	1.14
3rd Notch Number	3
3rd Height	1.141
Check Height Units	Decimal Inches
Check Height	44.95
Check Height Converted to Metres	1.1417

Start Time

Occupation Start Date (local)	2018-01-31
Occupation Start Time (local)	11:19
Occupation Start UTC	Tue, 30 Jan 2018 22:19:00 GMT
Year and DoY (UTC)	2018-030

Battery Details

Number of batteries deployed	Two
ID of Battery 1	11 i
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	12.6
ID of Battery 2	08 s
Capacity of Battery 2 (Ahr)	24 Amp Hour
Voltage of Battery 2	12.64

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	11 i
Voltage of Battery 1 at Deployment	12.6
Voltage of Battery 2 at Deployment	12.64
Voltage of Battery 1 at Retrieval	12
ID of Battery 2	08 s
Voltage of Battery 2 at Retrieval	12.1

End Time

Occupation End Date (local)	2018-02-03
Occupation End Time (local)	16:40
Occupation End UTC	Sat, 03 Feb 2018 03:40:00 GMT
Year and DoY (UTC)	2018-034

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	1.139
2nd Notch Number	3
2nd Height	1.139
3rd Notch Number	5
3rd Height	1.138
Check Height Units	Decimal Inches
Check Height	44.85
Check Height Converted to Metres	1.1392
Average Height recorded at Deployment	1.1403

Plumbing

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

Gns3, 59400300.t01, 59400340.t01

Current Station	EEJG - Dip Creek
Station Occupation times (UTC)	Start: 22:19 DoY 2018-030 UTC End: 03:40 DoY 2018-034 UTC
ID of Download Device	Gns3
Downloaded by:	Chris Pearson
Download Date	2018-02-03
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	59400300.t01
Latest File Name Downloaded	59400340.t01
Total number of files downloaded.	5

Summary of Downloaded Files

Earliest Filenames Downloaded	59400300.t01
Latest Filenames Downloaded	59400340.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.