

6701, Stony Tarn (J1-Tekapo SD)

Project	2018 CSI GPS
Created	2018-01-09 15:51:24 NZDT by Neville Palmer
Updated	2018-02-15 22:55:01 NZDT by Neville Palmer
Location	-43.87793811, 170.4509392
Status	■ Retrieved
Geodetic Code	6701
Station Name	Stony Tarn (J1-Tekapo SD)
Station Height (m)	863.7716
Station Height (ft)	2834

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 cemented into 2" dia. Galvanised pipe.

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
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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

Diagram Notes	See locus map track
Access and Location Description	1.8 km west of Tekapo township, follow AA sign to Godley Peaks Rd. At junction, 8.7km, follow sign to Glenmore. At 14km turn left into Glenmore Station. Follow on for 0.7km then turn right at fork and across sheep yards. Veer right, towards right of pine clump in front of you, keep pines on left. Go through gate and up track through valley between terraces. Go past first large willow (on LHS), at 16.6 km go through gate on track labelled "Little Downs". A further 200m stop at second large willow adjacent to track (on right hand side). Travel across country to base of terrace on right hand side of the track. Either walk to the top of the terrace or 4WD by sidling around to the left. Trig is on highest point.
Access vehicle	4WD
GNSS Suitability	Good

Cell Phone Network Coverage

Spark	No signal or unreliable signal
Vodafone	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:	Chris Pearson

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)	Check in with farm owner
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Owner

Is the owner known?	Yes
First Name	-
Last Name	Glenmore Station

Site Contact

Is the site contact person known?	Yes
Organisation or property name.	Jim Murray
First Name	Will
Last Name	Murray
Position (eg owner, manager, lessee, tenant, etc)	(Manager)
Phone	03 680 6752

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

6701, 2018-01-25, 09:59, GNS12, 0440103874, 5700, Trimble

Geodetic Code	6701
Station Name	Stony Tarn (J1-Tekapo SD)

Deployment

Observer(s)	Chris Pearson, Isaac Brennan
GNSS Receiver	GNS12, 0440103874, 5700, Trimble
GNSS Antenna	GNS12, 12235078, 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	6
1st Height	0.974
2nd Notch Number	4
2nd Height	0.974
3rd Notch Number	7
3rd Height	0.974
Check Height Units	Decimal Feet
Check Height	3.195
Check Height Converted to Metres	0.9738

Start Time

Occupation Start Date (local)	2018-01-25
Occupation Start Time (local)	09:59
Occupation Start UTC	Wed, 24 Jan 2018 20:59:00 GMT
Year and DoY (UTC)	2018-024

Battery Details

Number of batteries deployed	One
ID of Battery 1	08b gns
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	12.7

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?	No
Explain why receiver was not logging (eg Flat battery)	Flat battery on Day5

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 gns
Voltage of Battery 1 at Deployment	12.7
Voltage of Battery 1 at Retrieval	11.3

End Time

Occupation End Date (local)	2018-01-30
Occupation End Time (local)	08:24
Occupation End UTC	Mon, 29 Jan 2018 19:24:00 GMT
Year and DoY (UTC)	2018-029

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	4
1st Height	0.973
2nd Notch Number	6
2nd Height	0.973
3rd Notch Number	1
3rd Height	0.972
Check Height Units	Decimal Inches
Check Height	38.3
Check Height Converted to Metres	0.9728

Average Height recorded at Deployment	0.974
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Plumbing

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

Eds03, 38740240.t01, 38740280.t01

Current Station	6701 - Stony Tarn (J1-Tekapo SD)
Station Occupation times (UTC)	Start: 20:59 DoY 024 UTC End: 19:24 DoY 029 UTC
ID of Download Device	Eds03
Download Date	2018-01-30
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	38740240.t01
Latest File Name Downloaded	38740280.t01
Total number of files downloaded.	5

Summary of Downloaded Files

Earliest Filenames Downloaded	38740240.t01
Latest Filenames Downloaded	38740280.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.