

GNSS site:

B8KM

Agency:

GNS Science

GNSS full name:

SC 55

SET-UP

Operators:

Jason Farr
Cécile Ducrocq

Start time NZDT (dd/mm/yyyy hh:mn):

17 / 03 / 2025 14 : 29

UTC +13:00 hours

Receiver type:

Trimble NetR9

Receiver S/N:

5118K75475

Receiver ID:

GNS-61

Antenna P/N:

57971.00

Antenna S/N:

1441031484

Antenna ID:

GNS-61

Interval obs.: 15 seconds Elevation mask: 0 deg

Magnetic declination:

24 °E

Aligned to True North: Yes:


Other: °mN

Levelled: Yes:


No:

Centered: Yes:


No: °mN

TAKE DOWN

Operators:

Jason Farr
Cécile Ducrocq

End time NZDT (dd/mm/yyyy hh:mn):

21 / 03 / 2025 14 : 25

Aligned to True North: Yes:


Other: °mN

Levelled: Yes:


No:


Centered: Yes:


No:



°mN

Measurements:

Slant*:



Vertical:



	Start	End
# 8	1.0010 m	1.0025 (#6) m
# 5	1.0035 m	1.0040 (#4) m
# 2	1.0025 m	1.0030 m
# 2	89.45 inches	39.48 inches

Corrected vertical height (survey mark to ARP):**

0.9439 m

*Slant height measured from top of survey mark to bottom of notch of the antenna.

**Vertical height from top of survey mark to ARP of antenna.

Comments

(e.g., monument type, heights, information about site, battery levels, measurement bottom of hole, and rinexing information)

Magnitude declination calculated for B8X4 site on 29 Jan. 2025 from WMM-2020 model.

Slant measurements made with hole taped.

Measurement in hole: #8 100.15 cm at set-up.

Site ~3-4 m behind safety barrier of the SH6, into the vegetation.

Only has sky visibility to the N, no sky vis to E, S, W or above.

Retrieval slant height taken in hole. Average BoN slant height: 1.0028 m.