

SURVEYING AND MAPPING DIVISION
Alberta Survey Control Marker (ASCM) Information
MASCOT DSS-1

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 50.21551 dms
Longitude 114 05 18.78913 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03

ASCM 7419

Tablet Markings 661-4.107

Date Printed 2025-08-03
Last Updated 2020-01-09

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1137.631 m
Vert Class INTEGRATED , SPIRIT LEVELS

For current information call Geodetic Survey
(780) 427-3143 FAX: (780) 427-1493

Marker Condition GOOD 93-07-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5662345.716 m
Easting -6202.554 m
Convergence -0 04 08.09 dms
Station Ellipsoid Factor 0.999824
Station Combined Factor 0.999725

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
237016 661-4.109	102.758	1	88/2	0.999723	347 02 36.78	7.0	0.00
201046 661-4.106	108.679	1	138/2	0.999719	254 12 34.89	7.4	0.00
234864 661-4.74	185.739	1	102/2	0.999723	145 40 28.49	8.4	0.00
247239 661-4.113	214.108	1	79/2	0.999725	337 09 30.00	6.9	0.00
83782 661-4.114	220.323	1	72/2	0.999729	39 40 04.51	5.9	0.00
153700 661-4.73	300.515	1	60/2	0.999725	183 28 06.54	5.1	0.00

GEOID DATA (GSD95) Updated: 96-01-06

Component Magnitude Std Dev

MARKER TYPE

Updated: 1972-01-25

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 6.0 s 2 s
Geoid_Ellip Separation -16.23 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-01-21

Originating Project 71101 71101
Published 71-03-01 71-03-01

ON E/S OF RD. IN FRONT OF HOUSE #5012 NANTON RD. NW; 0.50 M W OF
B.O.W. ON CURVE; 2.4 M N OF THE N WLL OF HOUSE PROD.W;
1.6 M SW OF LT.S. .

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1972-01-25 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONITION
MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION

1993-07-19 1994-01-21
1991-11-08 1991-12-10
1988-11-04 1989-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 4 107

99-10-21

0.046 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-04.107 56614 4 107