

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 28.60458 dms
Longitude 114 04 02.89899 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03

ASCM 18507

Tablet Markings 661-04.130

Date Printed 2025-08-03
Last Updated 2014-09-30

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1077.363 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 14-08-08

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5661676.381 m
Easting -4726.601 m
Convergence -0 03 09.01 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
27151 661-04.132	150.857	1 126/3	0.999735	327 58 29.44	5.2	0.00
64873 661-04.129	179.582	1 134/3	0.999731	46 30 50.15	6.5	0.00
39461 661-04.128	224.689	1 102/3	0.999732	82 51 20.35	7.7	0.00
67116 661-04.120	291.193	1 76/2	0.999735	181 21 26.49	4.1	0.00
128413 661-04.134	306.557	1 91/3	0.999732	21 46 35.97	7.6	0.00
251694 661-04.102	311.029	1 64/2	0.999735	254 18 29.85	5.6	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-01-19

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 5.8 s 2 s
Geoid_Ellip Separation -16.27 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
5 CM BGL

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1994-01-19

Originating Project 71102 71102
Published 84-01-07 84-01-07

IN LANE ON N/S OF HOUSE #4323 2 ST. NW; 1.5 M W OF B.O.W.;
0.40 M N OF E-W STEEL FENCE PROD. E; 14.0 M N OF S WALL OF
HOUSE PROD. E; 6.3 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

1972-06-25 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION, TOP PAINTED.
MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION.

2014-08-08 2014-09-30
1993-07-22 1994-01-19
1988-11-02 1989-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 4 130

99-10-21 0.034 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-04 130