

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 32.74026 dms
Longitude 114 04 07.01508 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 27151
Tablet Markings 661-04.132
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1073.187 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-10-18

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5661804.246 m
Easting -4806.578 m
Convergence -0 03 12.22 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999735

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)
18507 661-04.130	150.857	1	126/3	0.999735	147 58 29.44	5.2	0.00
64873 661-04.129	210.336	1	114/3	0.999737	91 10 31.92	8.6	0.00
293431 661-4.133	242.134	1	45/2	0.999733	336 34 19.03	3.6	0.00
128413 661-04.134	249.220	1	104/3	0.999734	51 01 02.23	7.9	0.00
251694 661-04.102	305.134	1	43/2	0.999733	225 59 06.38	3.5	0.00
39461 661-04.128	319.006	1	82/3	0.999735	108 15 36.29	5.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-12-31

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
FLUSH WITH GROUND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-12-31

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

ON THE WEST SIDE OF ROAD ACROSS FROM WEST SIDE OF HOUSE NO. 260 - 43 AVENUE
N.W.; 0.40 M WEST OF F.O.C.; 28.0 M SOUTH OF THE SOUTH WALL OF HOUSE PRODUCED
WEST; IN LINE WITH CONCRETE RETAINING WALL, NORTH SIDE OF HOUSE PRODUCED WEST.

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 1993-10-18 1993-12-31
MARKER REPORTED IN GOOD CONDITION. 1988-11-02 1989-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 4 132

99-10-21

0.034 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-04 132