

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 11.39672 dms
Longitude 114 05 47.02302 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03

ASCM 49064

Tablet Markings 658-4.205

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

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1110.553 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-03-08

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5661146.918 m
Easting -6753.459 m
Convergence -0 04 30.02 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999729

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)
111278 658-4.206	114.707	1	70/2	0.999723	117 50 34.93	5.1	0.00
17020 658-4.204	153.281	1	52/2	0.999732	299 32 13.45	4.6	0.00
136119 658-4.203	235.901	1	47/2	0.999732	284 27 26.32	3.9	0.00
61044 658-4.245	249.928	1	48/2	0.999733	257 25 02.17	4.0	0.00
177956 661-4.81	307.039	1	52/2	0.999727	63 16 14.40	4.3	0.00
139121 661-4.59	308.447	1	39/2	0.999729	307 04 12.31	3.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-07-07

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 6.1 s 2 s
Geoid_Ellip Separation -16.20 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-07-07

Originating Project 71103 71103
Published 84-01-07 84-01-07

CROMWELL AVENUE AND W. OF CAYUGA DRIVE;
1.92M S OF B.O.W. S/SIDE CROMWELL AVE; 1.0M W OF E P/L HOUSE #27.

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1971-12-20 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 1993-03-08 1993-07-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 4 205

00-06-15

0.040 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.205 56584 4 205