

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 00.86023 dms
Longitude 114 02 28.98507 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03

ASCM 50849

Tablet Markings 643-0.185

Date Printed 2025-08-03
Last Updated 2019-01-31

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1041.514 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-05-26

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-01-31

Scale Factor 0.999900 At Ref Mer 114

Northing 5645986.076 m
Easting -2907.928 m
Convergence -0 01 55.70 dms
Station Ellipsoid Factor 0.999839
Station Combined Factor 0.999739

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)
292672 643-0.31	143.816	1	76/2	0.999740	87 35 41.08	4.7	0.00
265884 643-0.29	216.428	1	51/2	0.999742	281 35 32.05	3.8	0.00
101733 646-0.34	293.227	1	51/2	0.999740	0 49 37.09	4.3	0.00
85845 643-0.39	330.772	1	48/2	0.999739	183 25 40.75	4.1	0.00
90266 643-0.37	441.442	1	36/2	0.999740	127 59 50.48	2.9	0.00
230599 643-0.33	450.763	1	35/2	0.999739	87 42 31.70	2.6	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-01-05

Meridian Defl,XI(+N) 3.8 s 2 s
Prime Vert Defl,ETA(+E) 5.5 s 2 s
Geoid_Ellip Separation -16.09 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-19

Originating Project 75108 75108
Published 83-04-29 83-04-29

IN BLVD ON NW LEG OF MAPLEGLADE CL SE ON W/S OF RD; 2.7 M E OF FOC; 0.45 M N OF BOW S/S/ PROD W; 5.7 M E OF LT.S.

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1976-01-05 FIRST MARKER LOCATION DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	2005-05-26	2006-06-19
MARKER REPORTED IN GOOD CONDITION	1999-09-21	2001-08-17
MARKER REPORTED IN GOOD CONDITION	1989-03-28	1990-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 0 185

01-02-07

0.005 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643+00.185 56434 0 185