

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 55 07.42025 dms
Longitude 114 00 45.55308 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-03

ASCM 21618

Tablet Markings 640-0.110

Date Printed 2025-08-03
Last Updated 2019-03-25

Mapsheet Name CALGARY F
Mapsheet Number 5640 - 000

Vert Datum CVD28 Updated: 2018-10-29
Elevation 1007.845 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 89-02-09

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5642480.170 m
Easting -889.718 m
Convergence -0 00 35.36 dms
Station Ellipsoid Factor 0.999845
Station Combined Factor 0.999745

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
72322 640-0.114	223.021	1	67/2	0.999745	107 25	32.82	5.4	0.00
88740 640-0.112	242.723	1	74/2	0.999744	189 21	59.48	5.2	0.00
110262 640-0.123	258.966	1	54/2	0.999747	0 07	05.44	4.4	0.00
44677 640-0.116	299.845	1	60/2	0.999747	86 20	04.66	5.0	0.00
124180 640-0.138	310.370	1	55/2	0.999744	12 06	45.71	4.2	0.00
276774 640-0.115	315.592	1	51/2	0.999746	102 16	47.35	4.1	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1981-06-14

Meridian Defl, XI(+N) 4.1 s 2 s
Prime Vert Defl, ETA(+E) 5.1 s 2 s
Geoid_Ellip Separation -16.08 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 2.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-09-26

Originating Project 79040 79040
Published 83-08-19 83-08-19

LOCATED ON THE EAST SIDE OF DEERFIELD DRIVE - SOUTH OF 146 AVENUE SOUTH EAST;
0.05 M EAST OF BACK OF CURB; 1.7 M NORTH OF THE SOUTH PROPERTY LINE OF HOUSE
#14912 - DEERFIELD DRIVE; LOT 3, BLOCK 4, PLAN 7711192.

Revising Project NAD83 37003
Published 94-05-24 18-10-29
Revising Project 98017
Published 01-02-07
Revising Project
Published

NON COORDINATE REVISIONS

1981-06-14 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.

1989-02-09 1989-09-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56404 0 110

18-10-29 -0.027 m REVISED ELEVATION-MOVEMENT SUSPECTED
01-02-07 0.005 m ELEVATION REVISED AND REINTEGRATED

HISTORY 640+00.110 56404 0 110