

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 01.16561 dms
Longitude 114 07 47.76584 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 83-10

ASCM 37945

Tablet Markings 643-8.80

Date Printed 2025-08-03
Last Updated 2007-06-20

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1103.491 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-09-14

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5644148.803 m
Easting -9133.218 m
Convergence -0 06 03.18 dms
Station Ellipsoid Factor 0.999830
Station Combined Factor 0.999731

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)
281444 643-8.79	154.285	1	78/2	0.999733	297 43 38.39	4.1	0.00
159582 643-8.81	226.691	1	53/2	0.999729	90 04 04.83	3.2	0.00
259531 643-8.70	288.111	1	49/2	0.999729	27 04 37.29	4.0	-0.01
155697 643-8.68	301.668	1	40/2	0.999730	323 51 13.94	3.2	-0.01
451021 643-8.104	364.108	1	41/2	0.999732	318 09 29.02	3.1	-0.01
4994 643-8.82	396.550	1	33/2	0.999730	73 39 17.00	2.4	0.00

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 4.2 s 2 s
Prime Vert Defl,ETA(+E) 7.1 s 2 s
Geoid_Ellip Separation -15.86 m 1 m

MARKER TYPE

Updated: 1984-08-30

ASC BRASS TABLET ON 7.0 X 250.0 CM PIPE WITH HELIX.

COORDINATE HISTORY

	HORZ	VERT
Originating Project Published	83047 84-09-05	83047 84-09-05
Revising Project Published	NAD83 94-05-24	98017 01-02-07
Revising Project Published		
Revising Project Published		

MARKER LOCATION

Updated: 1989-04-24

LOCATED ON THE SOUTH SIDE OF WOODFIELD ROAD EAST OF WOODHAVEN ROAD SOUTH WEST;
27.0 CM SOUTH OF BACK OF SEPERATE WALK; 1.43 M WEST OF EAST PROPERTY LINE OF
LOT 13 PRODUCED NORTH; IN DRIVEWAY OF HOUSE #135 - WOODFIELD ROAD SOUTH WEST;
10.0 CM WEST OF EAST EDGE OF DRIVEWAY SURROUNDED BY CONCRETE.

NON COORDINATE REVISIONS

1984-08-30 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
MARKER REPORTED IN GOOD CONDITION.

1990-09-14 1991-03-13
1989-02-22 1989-04-24

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56434 8 80

VERT

01-02-07

0.019 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56434 8 80