

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 14.26332 dms
Longitude 114 06 25.13202 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-03

ASCM 30635

Tablet Markings 646-4.332

Date Printed 2025-08-03
Last Updated 2018-02-13

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1097.539 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-06-27

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-13

Scale Factor 0.999900 At Ref Mer 114

Northing 5646404.851 m
Easting -7516.503 m
Convergence -0 04 59.11 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	PPM/ Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
152678 646-4.278	195.240	1 72/2	0.999735	359 11 11.66	6.1	0.00
239665 643-4.208	204.439	1 59/2	0.999731	185 02 29.72	3.9	0.00
73916 643-4.209	209.356	1 62/2	0.999730	153 18 49.93	5.3	0.00
74849 646-4.120	216.745	1 60/2	0.999734	9 05 52.48	5.2	0.00
2162 646-4.291	239.540	1 46/2	0.999733	84 56 07.16	3.1	0.00
269621 643-4.204	296.373	1 44/2	0.999731	179 45 08.23	3.4	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-06-18

Meridian Defl, XI(+N) 3.9 s 2 s
Prime Vert Defl, ETA(+E) 6.7 s 2 s
Geoid_Ellip Separation -15.96 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

FLUSH W/GRND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1979-10-11

Originating Project 79012 79012
Published 83-08-25 83-08-25

S.E. CORNER BRAESIDE DRIVE AND BRACEWOOD ROAD S.W.
- 0.62 M N. OF BACK OF WALK N. PRODUCED W.
- 2.30 M E. OF BACK OF WALK E. PRODUCED N.

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

NON COORDINATE REVISIONS

1979-10-11 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

1990-06-27 1991-06-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 4 332

01-02-07

0.019 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-04.332 56464 4 332