

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 08.78629 dms
Longitude 114 06 07.00344 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-03

ASCM 46334

Tablet Markings 646-4.334

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 1089.039 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 79-03-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-13

Scale Factor 0.999900 At Ref Mer 114

Northing 5646235.116 m
Easting -7162.927 m
Convergence -0 04 45.02 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	PPM/ Grid/ Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
234013 646-4.294	163.074	1	67/2 0.999732	352 00 36.38	4.2	0.00
101824 646-4.295	165.939	1	78/2 0.999733	29 26 52.07	6.4	0.00
175489 643-4.198	206.486	1	73/2 0.999735	100 17 30.17	6.2	0.00
2162 646-4.291	222.920	1	54/2 0.999734	328 55 26.20	4.3	0.00
73916 643-4.209	260.223	1	50/2 0.999730	266 11 37.23	4.3	0.00
7674 646-4.292	292.740	1	55/2 0.999731	350 53 28.44	4.0	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1979-10-11

Meridian Defl,XI(+N) 3.9 s 2 s
Prime Vert Defl,ETA(+E) 6.6 s 2 s
Geoid_Ellip Separation -15.97 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1979-10-11

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

S.E. CORNER BRAXTON ROAD AND BRANIFF ROAD S.W.
- 0.20 M W. OF BACK OF WALK W.
- IN LINE WITH N. PROPERTY LINE HOUSE NO. 11404 BRANIFF ROAD
(LOT 3) PRODUCED W.

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

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 4 334

01-02-07 0.019 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-04.334 56464 4 334