

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 14.95850 dms
Longitude 114 06 12.91115 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 77-03

ASCM 2162

Tablet Markings 646-4.291

Date Printed 2025-08-03
Last Updated 2003-03-12

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1091.342 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 77-03-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5646425.992 m
Easting -7277.962 m
Convergence -0 04 49.62 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
7674 646-4.292	119.795	1 92/2	0.999726	35 00 24.18	4.6	0.00
101824 646-4.295	202.053	1 64/2	0.999733	103 17 01.52	4.0	0.00
46334 646-4.334	222.920	1 54/2	0.999734	148 55 26.20	4.3	0.00
30635 646-4.332	239.540	1 46/2	0.999733	264 56 07.16	3.1	0.00
73916 643-4.209	253.480	1 51/2	0.999731	214 46 38.97	4.5	0.00
22244 643-4.195	267.558	1 41/2	0.999733	154 41 52.77	3.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1978-01-31

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 ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1978-01-31

Originating Project 77030 77030
Published 78-01-17 78-01-17

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

WEST SIDE OF ISLAND AT BRAESIDE DRIVE
AND BRANIFF ROAD. 0.2' SOUTH-EAST OF FACE OF CURB NORTH-
EAST SIDE OF ISLAND. 46.7' EAST OF WEST TIP OF ISLAND.
16.6' EAST OF WEST PROPERTY LINE OF HOUSE # 11115 LOT 38.

NON COORDINATE REVISIONS

1978-01-31 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 4 291

99-10-21

0.019 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 646-04.291 56464 4 291