

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 59 46.92098 dms
Longitude 114 04 42.53630 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03

ASCM 13367

Tablet Markings 649-4.234

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

Mapsheet Name CALGARY F
Mapsheet Number 5649 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1068.512 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 17-03-29

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5651119.315 m
Easting -5509.155 m
Convergence -0 03 39.56 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
190462 649-4.233	104.807	1 105/2	0.999730	222 49 22.61	5.7	0.00
231498 649-4.235	157.160	1 70/2	0.999731	24 31 10.94	5.0	0.00
114389 2017.35	204.377	1 64/2	0.999733	319 58 48.94	5.4	0.00
278572 649-4.250	205.465	1 68/2	0.999736	40 00 47.95	5.1	0.00
950 649-4.241	241.254	1 62/2	0.999732	268 57 08.36	5.0	0.00
260315 649-4.240	279.495	1 50/2	0.999733	305 13 32.18	4.2	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-01-05

Meridian Defl,XI(+N) 3.2 s 2 s
Prime Vert Defl,ETA(+E) 6.1 s 2 s
Geoid_Ellip Separation -16.11 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1976-01-05

Originating Project 75105 75105
Published 75-10-14 75-10-14

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

NE CORNER MALIBOU RD AND MANOR RD SW;
0.2' E OF B.O.W. ON CURVE;
10.0' N OF B.O.W. PROD W;
6.5' E OF B.O.W. PROD S.

NON COORDINATE REVISIONS

1976-01-05 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

2017-03-29 2019-03-25

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56494 4 234

01-02-07

0.014 m ELEVATION REVISED AND REINTEGRATED

HISTORY 649-04.234 56494 4 234