

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 59 56.68822 dms
Longitude 114 07 35.97079 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 72-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 52886
Tablet Markings 649-8.65
Mapsheet Name CALGARY F
Mapsheet Number 5649 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1107.638 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-09-04

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2001-02-07

Scale Factor 0.999900 At Ref Mer 114

Northing 5651425.819 m
Easting -8890.421 m
Convergence -0 05 54.35 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
280586 649-8.51	168.880	1 89/2	0.999730	192 56 26.40	5.2	0.00
47571 649-8.50	202.570	1 79/2	0.999729	143 40 09.28	6.7	0.00
191478 649-8.64	223.391	1 67/2	0.999733	268 06 57.85	4.8	0.00
125518 649-8.72	278.004	1 65/2	0.999729	27 04 40.90	5.3	-0.01
33142 649-8.49	295.619	1 71/2	0.999730	123 34 22.84	5.2	0.00
114264 649-8.63	455.296	1 42/2	0.999731	270 03 24.83	3.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1973-01-18

Meridian Defl, XI(+N) 3.4 s 2 s
Prime Vert Defl, ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -16.01 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

HORZ

VERT

Originating Project 72112 72112
Published 84-01-12 84-01-12

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

MARKER LOCATION

Updated: 1991-03-18

N.E. CORNER OF LATHOM CRESCENT AND LANE N. OF LANCASTER WAY;
0.30 M SOUTH FO THE SOUTH P.L. OF HOUSE #2969 LANCASTER RD.;
0.10 M EAST OF B.O.W. EAST.

NON COORDINATE REVISIONS

1973-01-18 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

1990-09-04 1991-03-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56494 8 65

VERT

01-02-07

0.024 m ELEVATION REVISED AND REINTEGRATED

HISTORY 649-08.65 56494 8 65