

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 00 04.72278 dms
Longitude 114 06 57.00606 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 67-03

ASCM 54726

Tablet Markings D91

Date Printed 2025-08-03
Last Updated 2020-11-02

Mapsheet Name CALGARY G
Mapsheet Number 5649 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1105.666 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-09-05

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-11-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5651672.831 m
Easting -8130.306 m
Convergence -0 05 24.08 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
76844 D89	269.867	1	78/2	0.999732	89 58 28.26	3.7	0.00
268417 649-4.223	335.388	1	69/2	0.999730	53 25 46.89	5.1	0.00
5983 649-4.220	476.664	1	48/2	0.999732	90 05 11.65	2.6	0.00
138115 649-4.222	507.749	1	47/2	0.999731	34 05 54.87	3.9	-0.01
143149 649-4.217	513.633	1	47/2	0.999731	150 48 06.98	3.2	0.01
86967 649-4.218	531.029	1	43/2	0.999732	120 00 06.56	2.4	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1973-02-06

Meridian Defl,XI(+N) 3.3 s 2 s
Prime Vert Defl,ETA(+E) 6.6 s 2 s
Geoid_Ellip Separation -16.03 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

HORZ

VERT

Originating Project 72111 72111
Published 70-06-24 70-06-24

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project 98014
Published 99-08-16
Revising Project
Published

MARKER LOCATION

Updated: 1988-06-29

STATION IS LOCATED IN LANE BETWEEN LANGRIVILLE AND LINCOLN DRIVE
SOUTH WEST; 0.70 M WEST OF EAST PROPERTY LINE OF LANE; 0.35 M NORTH
OF SOUTH PROPERTY LINE OF 58 AVENUE PROD. EAST AT 2403 - 58 AVENUE
SOUTH WEST, LANE BETWEEN LANGRIVILLE - LINCOLN DRIVE.

NON COORDINATE REVISIONS

1973-02-06 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
MARKER REPORTED IN GOOD CONDITION

1990-09-05 1991-03-13
1988-02-08 1988-06-29

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56494 8 27

VERT

01-02-07 0.018 m ELEVATION REVISED AND REINTEGRATED
99-08-16 0.067 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56494 8 27