

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 50.56664 dms
Longitude 114 02 54.20827 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03

Date Printed 2025-08-03
Last Updated 2018-02-13

ASCM 1206

Tablet Markings 643-0.91

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1047.737 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 99-09-21

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-13

Scale Factor 0.999900 At Ref Mer 114

Northing 5645668.314 m
Easting -3400.450 m
Convergence -0 02 15.28 dms
Station Ellipsoid Factor 0.999838
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
122747 643-0.90	160.058	1	94/2	0.999744		3 10 53.68	3.3	0.00
98053 643-0.92	199.116	1	95/2	0.999734		183 44 08.76	3.3	0.00
294918 643-0.40	245.959	1	81/2	0.999740		133 43 38.17	6.5	0.00
111641 220140	331.351	1	54/2	0.999740		357 41 37.09	2.2	0.00
206664 643-0.89	359.436	1	50/2	0.999737		294 32 00.18	4.1	0.00
58693 643-0.26	363.040	1	52/2	0.999740		345 24 49.08	3.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1971-05-25

Meridian Defl,XI(+N) 3.8 s 2 s
Prime Vert Defl,ETA(+E) 5.7 s 2 s
Geoid_Ellip Separation -16.08 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

MARKER LOCATION

Updated: 2001-08-17

COORDINATE HISTORY

Originating Project 70103 70103
Published 71-05-25 71-05-25

ON E/S OF RD IN FROM OF HOUSE #12019 LAKE EMERLD CRES SE; 0.3 M W OF B.O.W.;
4.8 M S OF C/L OF FROM STEPS ENTRANCE TO HOUSE; 20.0 M N OF LT.S.

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1971-05-25 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

1999-09-21 2001-08-17
1989-03-21 1990-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 0 91

99-08-16

0.006 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643+00.91 56434 0 91