

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 46.71018 dms
Longitude 114 03 20.86314 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03

ASCM 53058

Tablet Markings 643-0.86

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

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1047.872 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-06-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-13

Scale Factor 0.999900 At Ref Mer 114

Northing 5645549.521 m
Easting -3920.828 m
Convergence -0 02 35.98 dms
Station Ellipsoid Factor 0.999838
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
123166 643-0.81	157.514	1 127/3	0.999739	128 06 57.41	10.2	0.00
29546 643-0.87	173.252	1 87/2	0.999741	355 58 24.91	5.2	0.00
225078 643-4.71	286.369	1 63/2	0.999739	266 29 01.41	5.3	0.00
183566 643-0.98	288.911	1 66/2	0.999737	198 14 25.75	5.3	0.00
206664 643-0.89	330.628	1 51/2	0.999739	35 49 36.32	4.4	0.00
139139 643-0.24	421.906	1 50/2	0.999738	28 35 03.13	3.8	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1971-05-25

Meridian Defl,XI(+N) 3.9 s 2 s
Prime Vert Defl,ETA(+E) 5.8 s 2 s
Geoid_Ellip Separation -16.06 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-19

Originating Project 70102 70102
Published 71-05-25 71-05-25

IN SIDEWALK IN FRONT OF HOUSE #124 - LAKE LINNET CLOSE SE; 0.3 M W OF E/WALL OF HOUSE PROD N; 2.3 M S OF BOW PROD W; 4.4 M E OF C/L OF CONCRETE STAIRS PROD N; 0 .50 M NW BOW ON CURVE.

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

2005-06-06 2006-06-19
1989-03-21 1990-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 0 86

99-08-16

0.006 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643+00.86 56434 0 86