

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 12.89773 dms
Longitude 114 03 31.74074 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 77-03

ASCM 13912

Tablet Markings 643-4.187

Date Printed 2025-08-03
Last Updated 2006-06-16

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 004

Vert Datum CVD28 Updated: 1983-06-15
Elevation 1048.292 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-06-02

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-16

Scale Factor 0.999900 At Ref Mer 114

Northing 5644504.919 m
Easting -4133.991 m
Convergence -0 02 44.41 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)
18275 643-0.225	120.922	1 91/2	0.999742	89 11 00.12	5.4	0.00
259606 643-0.230	121.305	1 124/2	0.999738	38 05 03.41	9.3	0.00
106427 643-4.182	126.170	1 119/2	0.999736	318 04 48.40	9.9	0.00
189191 643-4.188	157.847	1 76/2	0.999739	209 04 07.23	5.0	0.00
202994 643-4.184	160.926	1 68/2	0.999736	272 20 06.33	5.5	0.00
214387 643-0.227	179.315	1 72/2	0.999740	58 53 49.47	5.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1978-01-19

Meridian Defl, XI(+N) 4.0 s 2 s
Prime Vert Defl, ETA(+E) 5.9 s 2 s
Geoid_Ellip Separation -16.03 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-16

Originating Project 77028 77028
Published 83-06-15 83-06-15

IN SIDEWALK IN FRONT OF HOUSE #6087 - LAKE PLACID DR SE; 0.3 M S OF BOW; 5.10 M
W OF W/EDGE OF CONCRETE DRIVEWAY; 14.5 M W OF LT.S.

Revising Project NAD83
Published 94-05-24
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1978-01-19 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.

2005-06-02 2006-06-16
1989-03-09 1989-04-12

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 4 187

HISTORY 643-04.187 56434 4 187