

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 34.57912 dms
Longitude 114 11 07.93871 dms
Horz Class INTEGRATED , ORDER 1

Marker Installed 72-03

Date Printed 2025-08-03
Last Updated 2006-06-28

ASCM 23226

Tablet Markings 658-12.37

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1082.766 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 91-12-02

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5660021.225 m
Easting -13001.704 m
Convergence -0 08 39.65 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
274829 658-12.39	256.610	1	31/1	0.999738	67 32 57.25	2.7	0.00
170738 658-12.42	348.516	1	29/1	0.999735	29 21 08.37	2.4	-0.01
278465 B31	473.688	1	27/1	0.999737	84 24 26.98	2.0	0.00
231712 658-12.45	530.687	1	23/1	0.999736	21 14 21.80	1.9	-0.02
210815 159229	532.807	1	23/1	0.999734	331 41 00.73	1.9	-0.02
282558 658-12.47	657.548	1	21/1	0.999737	52 00 16.96	1.8	-0.01

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 7.0 s 2 s
Geoid_Ellip Separation -15.99 m 1 m

MARKER TYPE

Updated: 1992-01-23

ASC BRASS TABLET ON TOP OF 2" X 10' STEEL PIPE; 35.0 CM BELOW GROUND LEVEL.
35CM CM BGL.

COORDINATE HISTORY HORZ VERT

Originating Project 70107 70107
Published 70-12-23 70-12-23

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1970-12-23

LOCATED ON THE NORTH SIDE OF BOWDALE CRESCENT AT EAST EDGE OF HOUSE
#24 DRIVEWAY; 70.0 CM SOUTH OF NORTH PROPERTY LINE OF BOWDALE CRESCENT
27.4 M WEST OF EAST PROPERTY LINE OF HOUSE #24; 60.0 CM EAST OF EAST
EDGE OF DRIVEWAY.

NON COORDINATE REVISIONS

1970-12-23 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

1991-12-02 1992-01-23
1989-03-28 1990-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56584 12 37

VERT

00-06-15

0.011 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 12 37